INTERNATIONAL CHARTERS CONSERVATION AND RESTORATION



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INTERNATIONAL CHARTER FOR THE CONSERVATION AND RESTORATION OF MONUMENTS AND SITES (THE VENICE CHARTER 1964)

IInd International Congress of Architects and Technicians of Historic Monuments, Venice, 1964.

Adopted by ICOMOS in 1965.

Imbued with a message from the past, the historic monuments of generations of people remain to the present day as living witnesses of their age-old traditions. People are becoming more and more conscious of the unity of human values and regard ancient monuments as a common heritage. The common responsibility to safeguard them for future generations is recognized. It is our duty to hand them on in the full richness of their authenticity.

It is essential that the principles guiding the preservation and restoration of ancient buildings should be agreed and be laid down on an international basis, with each country being responsible for applying the plan within the framework of its own culture and traditions.

By defining these basic principles for the first time, the Athens Charter of 1931 contributed towards the development of an extensive international movement which has assumed concrete form in national documents, in the work of ICOM and UNESCO and in the establishment by the latter of the International Centre for the Study of the Preservation and the Restoration of Cultural Property. Increasing awareness and critical study have been brought to bear on problems which have continually become more complex and varied; now the time has come to examine the Charter afresh in order to make a thorough study of the principles involved and to enlarge its scope in a new document.

Accordingly, the IInd International Congress of Architects and Technicians of Historic Monuments, which met in Venice from May 25th to 31st 1964, approved the following text:

DEFINITIONS

Article 1.

The concept of a historic monument embraces not only the single architectural work but also the urban or rural setting in which is found the evidence of a particular civilization, a significant development or a historic event. This applies not only to great works of art but also to more modest works of the past which have acquired cultural significance with the passing of time.

Article 2.

The conservation and restoration of monuments must have recourse to all the sciences and techniques which can contribute to the study and safeguarding of the architectural heritage.

Article 3.

The intention in conserving and restoring monuments is to safeguard them no less as works of art than as historical evidence.

CONSERVATION

Article 4.

It is essential to the conservation of monuments that they be maintained on a permanent basis.

Article 5.

The conservation of monuments is always facilitated by making use of them for some socially useful purpose. Such use is therefore desirable but it must not change the lay-out or decoration of the building. It is within these limits only that modifications demanded by a change of function should be envisaged and may be permitted.

Article 6.

The conservation of a monument implies preserving a setting which is not out of scale. Wherever the traditional setting exists, it must be kept. No new construction, demolition or modification which would alter the relations of mass and colour must be allowed.

Article 7.

A monument is inseparable from the history to which it bears witness and from the setting in which it occurs. The moving of all or part of a monument cannot be allowed except where the safeguarding of that monument demands it or where it is justified by national or international interest of paramount importance.

Article 8.

Items of sculpture, painting or decoration which form an integral part of a monument may only be removed from it if this is the sole means of ensuring their preservation.

RESTORATION

Article 9.

The process of restoration is a highly specialized operation. Its aim is to preserve and reveal the aesthetic and historic value of the monument and is based on respect for original material and authentic documents. It must stop at the point where conjecture begins, and in this case moreover any extra work which is indispensable must be distinct from the architectural composition and must bear a contemporary stamp. The restoration in any case must be preceded and followed by an archaeological and historical study of the monument.

Article 10.

Where traditional techniques prove inadequate, the consolidation of a monument can be achieved by the use of any modern technique for conservation and construction, the efficacy of which has been shown by scientific data and proved by experience.

Article 11.

The valid contributions of all periods to the building of a monument must be respected, since unity of style is not the aim of a restoration. When a building includes the superimposed work of different periods, the revealing of the underlying state can only be justified in exceptional circumstances and when what is removed is of little interest and the material which is brought to light is of great historical, archaeological or aesthetic value, and its state of preservation good enough to justify the action. Evaluation of the importance of the elements involved and the decision as to what may be destroyed cannot rest solely on the individual in charge of the work.

Article 12.

Replacements of missing parts must integrate harmoniously with the whole, but at the same time must be distinguishable from the original so that restoration does not falsify the artistic or historic evidence.

Article 13.

Additions cannot be allowed except in so far as they do not detract from the interesting parts of the building, its traditional setting, the balance of its composition and its relation with its surroundings.

HISTORIC SITES

Article 14.

The sites of monuments must be the object of special care in order to safeguard their integrity and ensure that they are cleared and presented in a seemly manner. The work of conservation and restoration carried out in such places should be inspired by the principles set forth in the foregoing articles.

EXCAVATIONS

Article 15.

Excavations should be carried out in accordance with scientific standards and the recommendation defining international principles to be applied in the case of archaeological excavation adopted by UNESCO in 1956.

Ruins must be maintained and measures necessary for the permanent conservation and protection of architectural features and of objects discovered must be taken. Furthermore, every means must be taken to facilitate the understanding of the monument and to reveal it without ever distorting its meaning.

All reconstruction work should however be ruled out "a priori". Only anastylosis, that is to say, the reassembling of existing but dismembered parts can be permitted. The material used for integration should always be recognizable and its use should be the least that will ensure the conservation of a monument and the reinstatement of its form.

PUBLICATION

Article 16.

In all works of preservation, restoration or excavation, there should always be precise documentation in the form of analytical and critical reports, illustrated with drawings and photographs. Every stage of the work of clearing, consolidation, rearrangement and integration, as well as technical and formal features identified during the course of the work, should be included. This record should be placed in the archives of a public institution and made available to research workers. It is recommended that the report should be published.

The following persons took part in the work of the Committee for drafting the International Charter for the Conservation and Restoration of Monuments:

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HISTORIC GARDENS (THE FLORENCE CHARTER 1981)

Adopted by ICOMOS in December 1982.

PREAMBLE

The ICOMOS-IFLA International Committee for Historic Gardens, meeting in Florence on 21 May 1981, decided to draw up a charter on the preservation of historic gardens which would bear the name of that town. The present Florence Charter was drafted by the Committee and registered by ICOMOS on 15 December 1982 as an addendum to the Venice Charter covering the specific field concerned.

DEFINITIONS AND OBJECTIVES

Article 1.

"A historic garden is an architectural and horticultural composition of interest to the public from the historical or artistic point of view". As such, it is to be considered as a monument.

Article 2.

"The historic garden is an architectural composition whose constituents are primarily vegetal and therefore living, which means that they are perishable and renewable." Thus its appearance reflects the perpetual balance between the cycle of the seasons, the growth and decay of nature and the desire of the artist and craftsman to keep it permanently unchanged.

Article 3.

As a monument, the historic garden must be preserved in accordance with the spirit of the Venice Charter. However, since it is a living monument, its preservation must be governed by specific rules which are the subject of the Present charter.

Article 4.

The architectural composition of the historic garden includes:

- · Its plan and its topography.
- Its vegetation, including its species, proportions, colour schemes, spacing and respective heights.
- · Its structural and decorative features.
- Its water, running or still, reflecting the sky.

Article 5.

As the expression of the direct affinity between civilisation and nature, and as a place of enjoyment suited to meditation or repose, the garden thus acquires the cosmic significance of an idealised image of the world, a "paradise" in the etymological sense of the term, and yet a testimony to a culture, a style, an age, and often to the originality of a creative artist.

Article 6.

The term "historic garden" is equally applicable to small gardens and to large parks, whether formal or "landscape".

Article 7.

Whether or not it is associated with a building in which case it is an inseparable complement, the historic garden cannot be isolated from its own particular environment, whether urban or rural, artificial or natural.

Article 8.

A historic site is a specific landscape associated with a memorable act, as, for example, a major historic event; a well-known myth; an epic combat; or the subject of a famous picture.

Article 9.

The preservation of historic gardens depends on their identification and listing. They require several kinds of action, namely maintenance, conservation and restoration. In certain cases, reconstruction may be recommended. The authenticity of a historic garden depends as much on the design and scale of its various parts as on its decorative features and on the choice of plant or inorganic materials adopted for each of its parts.

MAINTENANCE, CONSERVATION, RESTORATION, RECONSTRUCTION

Article 10.

In any work of maintenance, conservation, restoration or reconstruction of a historic garden, or of any part of it, all its constituent features must be dealt with simultaneously. To isolate the various operations would damage the unity of the whole.

MAINTENANCE AND CONSERVATION

Article 11.

Continuous maintenance of historic gardens is of paramount importance. Since the principal material is vegetal, the preservation of the garden in an unchanged condition requires both prompt replacements when required and a long-term programme of periodic renewal (clear felling and replanting with mature specimens).

Article 12.

Those species of trees, shrubs, plants and flowers to be replaced periodically must be selected with regard for established and recognised practice in each botanical and horticultural region, and with the aim to determine the species initially grown and to preserve them.

Article 13.

The permanent or movable architectural, sculptural or decorative features which form an integral part of the historic garden must be removed or displaced only insofar as this is essential for their conservation or restoration. The replacement or restoration of any such jeopardised features must be effected in accordance with the principles of the Venice Charter, and the date of any complete replacement must be indicated.

Article 14.

The historic garden must be preserved in appropriate surroundings. Any alteration to the physical environment which will endanger the ecological equilibrium must be prohibited. These applications are applicable to all aspects of the infrastructure, whether internal or external (drainage works, irrigation systems, roads, car parks, fences, caretaking facilities, visitors' amenities, etc.).

RESTORATION AND RECONSTRUCTION

Article 15.

No restoration work and, above all, no reconstruction work on a historic garden shall be undertaken without thorough prior research to ensure that such work is scientifically executed and which will involve everything from excavation to the assembling of records relating to the garden in question and to similar gardens. Before any practical work starts, a project must be prepared on the basis of said research and must be submitted to a group of experts for joint examination and approval.

Article 16.

Restoration work must respect the successive stages of evolution of the garden concerned. In principle, no one period should be given precedence over any other, except in exceptional cases where the degree of damage or destruction affecting certain parts of a garden may be such that it is decided to reconstruct it on the basis of the traces that survive or of unimpeachable documentary evidence. Such reconstruction work might be undertaken more particularly on the parts of the garden nearest to the building it contains in order to bring out their significance in the design.

Article 17.

Where a garden has completely disappeared or there exists no more than conjectural evidence of its successive stages a reconstruction could not be considered a historic garden.

USE

Article 18.

While any historic garden is designed to be seen and walked about in, access to it must be restricted to the extent demanded by its size and vulnerability, so that its physical fabric and cultural message may be preserved.

Article 19.

By reason of its nature and purpose, a historic garden is a peaceful place conducive to human contacts, silence and awareness of nature. This conception of its everyday use must contrast with its role on those rare occasions when it accommodates a festivity. Thus, the conditions of such occasional use of a historic garden should be clearly defined, in order that any such festivity may itself serve to enhance the visual effect of the garden instead of perverting or damaging it.

Article 20.

While historic gardens may be suitable for quiet games as a daily occurrence, separate areas appropriate for active and lively games and sports should also be laid out adjacent to the historic garden, so that the needs of the public may be satisfied in this respect without prejudice to the conservation of the gardens and landscapes.

Article 21.

The work of maintenance and conservation, the timing of which is determined by season and brief operations which serve to restore the garden's authenticity, must always take precedence over the requirements of public use. All arrangements for visits to historic gardens must be subjected to regulations that ensure the spirit of the place is preserved.

Article 22.

If a garden is walled, its walls may not be removed without prior examination of all the possible consequences liable to lead to changes in its atmosphere and to affect its preservation.

LEGAL AND ADMINISTRATIVE PROTECTION

Article 23.

It is the task of the responsible authorities to adopt, on the advice of qualified experts, the appropriate legal and administrative measures for the identification, listing and protection of historic gardens. The preservation of such gardens must be provided for within the framework of land-use plans and such provision must be duly mentioned in documents relating to regional and local planning. It is also the task of the responsible authorities to adopt, with the advice of qualified experts, the financial measures which will facilitate the maintenance, conservation and restoration, and, where necessary, the reconstruction of historic gardens.

Article 24.

The historic garden is one of the features of the patrimony whose survival, by reason of its nature, requires intensive, continuous care by trained experts. Suitable provision should therefore be made for the training of such persons, whether historians, architects, landscape architects, gardeners or botanists. Care should also be taken to ensure that there is regular propagation of the plant varieties necessary for maintenance or restoration.

Article 25.

Interest in historic gardens should be stimulated by every kind of activity capable of emphasising their true value as part of the patrimony and making for improved knowledge and appreciation of them: promotion of scientific research; international exchange and circulation of information; publications, including works designed for the general public; the encouragement of public access under suitable control and use of the media to develop awareness of the need for due respect for nature and the historic heritage. The most outstanding of the historic gardens shall be proposed for inclusion in the World Heritage List.

Nota Bene

The above recommendations are applicable to all the historic gardens in the world.

Additional clauses applicable to specific types of gardens may be subsequently appended to the present Charter with brief descriptions of the said types.

CHARTER FOR THE CONSERVATION OF HISTORIC TOWNS AND URBAN AREAS (WASHINGTON CHARTER 1987)

Adopted by ICOMOS General Assembly in Washington, DC, October 1987.

PREAMBLE AND DEFINITIONS

All urban communities, whether they have developed gradually over time or have been created deliberately, are an expression of the diversity of societies throughout history.

This charter concerns historic urban areas, large and small, including cities, towns and historic centres or quarters, together with their natural and man-made environments. Beyond their role as historical documents, these areas embody the values of traditional urban cultures. Today many such areas are being threatened, physically degraded, damaged or even destroyed, by the impact of the urban development that follows industrialisation in societies everywhere.

Faced with this dramatic situation, which often leads to irreversible cultural, social and even economic losses, the International Council on Monuments and Sites (ICOMOS) deems it necessary to draw up an international charter for historic towns and urban areas that will complement the "International Charter for the Conservation and Restoration of Monuments and Sites," usually referred to as "The Venice Charter." This new text defines the principles, objectives, and methods necessary for the conservation of historic towns and urban areas. It also seeks to promote the harmony of both private and community life in these areas and to encourage the preservation of those cultural properties, however modest in scale, that constitute the memory of mankind.

As set out in the UNESCO "Recommendation Concerning the Safeguarding and Contemporary Role of Historic Areas" (Warsaw - Nairobi, 1976), and also in various other international instruments, "the conservation of historic towns and urban areas" is understood to mean those steps necessary for the protection, conservation and restoration of such towns and areas as well as their development and harmonious adaptation to contemporary life.

PRINCIPLES AND OBJECTIVES

- 1. In order to be most effective, the conservation of historic towns and other historic urban areas should be an integral part of coherent policies of economic and social development and of urban and regional planning at every level.
- **2.** Qualities to be preserved include the historic character of the town or urban area and all those material and spiritual elements that express this character, especially:
 - a) Urban patterns as defined by lots and streets;
 - b) Relationships between buildings and green and open spaces;
- **c)** The formal appearance, interior and exterior, of buildings as defined by scale, size, style, construction, materials, colour and decoration;
- **d)** The relationship between the town or urban area and its surrounding setting, both natural and man-made; and
 - e) The various functions that the town or urban area has acquired over time.

Any threat to these qualities would compromise the authenticity of the historic town or urban area.

- **3.** The participation and the involvement of the residents are essential for the success of the conservation programme and should be encouraged. The conservation of historic towns and urban areas concerns their residents first of all.
- **4.** Conservation in a historic town or urban area demands prudence, a systematic approach and discipline. Rigidity should be avoided since individual cases may present specific problems.

METHODS AND INSTRUMENTS

5. Planning for the conservation of historic towns and urban areas should be preceded by multidisciplinary studies.

Conservation plans must address all relevant factors including archaeology, history, architecture, techniques, sociology and economics.

The principal objectives of the conservation plan should be clearly stated as should the legal, administrative and financial measures necessary to attain them.

The conservation plan should aim at ensuring a harmonious relationship between the historic urban areas and the town as a whole.

The conservation plan should determine which buildings must be preserved, which should be preserved under certain circumstances and which, under quite exceptional circumstances, might be expendable.

Before any intervention, existing conditions in the area should be thoroughly documented.

The conservation plan should be supported by the residents of the historic area.

- **6.** Until a conservation plan has been adopted, any necessary conservation activity should be carried out in accordance with the principles and the aims of this Charter and the Venice Charter.
- **7.** Continuing maintenance is crucial to the effective conservation of a historic town or urban area.
- **8.** New functions and activities should be compatible with the character of the historic town or urban area.

Adaptation of these areas to contemporary life requires the careful installation or improvement of public service facilities.

- **9.** The improvement of housing should be one of the basic objectives of conservation.
- **10.** When it is necessary to construct new buildings or adapt existing ones, the existing spatial layout should be respected, especially in terms of scale and lot size.

The introduction of contemporary elements in harmony with the surroundings should not be discouraged since such features can contribute to the enrichment of an area.

- **11.** Knowledge of the history of a historic town or urban area should be expanded through archaeological investigation and appropriate preservation of archaeological findings.
- **12.** Traffic inside a historic town or urban area must be controlled and parking areas must be planned so that they do not damage the historic fabric or its environment.
- **13.** When urban or regional planning provides for the construction of major motorways, they must not penetrate a historic town or urban area, but they should improve access to them.
- **14.** Historic towns should be protected against natural disasters and nuisances such as pollution and vibrations in order to safeguard the heritage and for the security and well-being of the residents.

Whatever the nature of a disaster affecting a historic town or urban area, preventative and repair measures must be adapted to the specific character of the properties concerned.

- **15.** In order to encourage their participation and involvement, a general information programme should be set up for all residents, beginning with children of school age.
- **16.** Specialised training should be provided for all those professions concerned with conservation.

CHARTER FOR THE PROTECTION AND MANAGEMENT OF THE ARCHAEOLOGICAL HERITAGE (1990)

Prepared by the International Committee for the Management of Archaeological Heritage (ICAHM) an approved by the 9th General Assembly in Lausanne in 1990.

INTRODUCTION

It is widely recognised that a knowledge and understanding of the origins and development of human societies is of fundamental importance to humanity in identifying its cultural and social roots.

The archaeological heritage constitutes the basic record of past human activities. Its protection and proper management is therefore essential to enable archaeologists and other scholars to study and interpret it on behalf of and for the benefit of present and future generations.

The protection of this heritage cannot be based upon the application of archaeological techniques alone. It requires a wider basis of professional and scientific knowledge and skills. Some elements of the archaeological heritage are components of architectural structures and in such cases must be protected in accordance with the criteria for the protection of such structures laid down in the 1966 Venice Charter on the Conservation and Restoration of Monuments and Sites. Other elements of the archaeological heritage constitute part of the living traditions of indigenous peoples, and for such sites and monuments the participation of local cultural groups is essential for their protection and preservation.

For these and other reasons the protection of the archaeological heritage must be based upon effective collaboration between professionals from many disciplines. It also requires the cooperation of government authorities, academic researchers, private or public enterprise, and the general public. This charter therefore lays down principles relating to the different aspects of archaeological heritage management. These include the responsibilities of public authorities and legislators, principles relating to the professional performance of the processes of inventorisation, survey, excavation, documentation, research, maintenance, conservation, preservation, reconstruction, information, presentation, public access and use of the heritage, and the qualification of professionals involved in the protection of the archaeological heritage.

The charter has been inspired by the success of the Venice Charter as guidelines and source of ideas for policies and practice of governments as well as scholars and professionals.

The charter has to reflect very basic principles and guidelines with global validity. For this reason it cannot take into account the specific problems and possibilities of regions or countries. The charter should therefore be supplemented at regional and national levels by further principles and guidelines for these needs.

DEFINITION AND INTRODUCTION

Article 1

The "archaeological heritage" is that part of the material heritage in respect of which archaeological methods provide primary information. It comprises all vestiges of human existence and consists of places relating to all manifestations of human activity, abandoned structures, and remains of all kinds (including subterranean and underwater sites), together with all the portable cultural material associated with them.

INTEGRATED PROTECTION POLICIES

Article 2.

The archaeological heritage is a fragile and non-renewable cultural resource. Land use must therefore be controlled and developed in order to minimise the destruction of the archaeological heritage.

Policies for the protection of the archaeological heritage should constitute an integral component of policies relating to land use, development, and planning as well as of cultural, environmental and educational policies. The policies for the protection of the archaeological heritage should be kept under continual review, so that they stay up to date. The creation of archaeological reserves should form part of such policies.

The protection of the archaeological heritage should be integrated into planning policies at international, national, regional and local levels.

Active participation by the general public must form part of policies for the protection of the archaeological heritage. This is essential where the heritage of indigenous peoples is involved. Participation must be based upon access to the knowledge necessary for decision-making. The provision of information to the general public is therefore an important element in integrated protection.

LEGISLATION AND ECONOMY

Article 3.

The protection of the archaeological heritage should be considered as a moral obligation upon all human beings; it is also a collective public responsibility. This obligation must be acknowledged through relevant legislation and the provision of adequate funds for the supporting programmes necessary for effective heritage management.

The archaeological heritage is common to all human society and it should therefore be the duty of every country to ensure that adequate funds are available for its protection.

Legislation should afford protection to the archaeological heritage that is appropriate to the needs, history, and traditions of each country and region, providing for in situ protection and research needs.

Legislation should be based on the concept of the archaeological heritage as the heritage of all humanity and of groups of peoples, and not restricted to any individual person or nation.

Legislation should forbid the destruction, degradation or alteration through changes of any archaeological site or monument or to their surroundings without the consent of the relevant archaeological authority.

Legislation should in principle require full archaeological investigation and documentation in cases where the destruction of the archaeological heritage is authorised.

Legislation should require, and make provision for, the proper maintenance, management and conservation of the archaeological heritage. Adequate legal sanctions should be prescribed in respect of violations of archaeological heritage legislation.

If legislation affords protection only to those elements of the archaeological heritage which are registered in a selective statutory inventory, provision should be made for the temporary protection of unprotected or newly discovered sites and monuments until an archaeological evaluation can be carried out.

Development projects constitute one of the greatest physical threats to the archaeological heritage. A duty for developers to ensure that archaeological heritage impact studies are carried out before development schemes are implemented, should therefore be embodied in appropriate legislation, with a stipulation that the costs of such studies are to be included in project costs. The principle should also be established in legislation that development schemes should be designed in such a way as to minimise their impact upon the archaeological heritage.

SURVEY

Article 4.

The protection of the archaeological heritage must be based upon the fullest possible knowledge of its extent and nature. General survey of archaeological resources is therefore an essential working tool in developing strategies for the protection of the archaeological heritage. Consequently archaeological survey should be a basic obligation in the protection and management of the archaeological heritage.

At the same time, inventories constitute primary resource databases for scientific study and research. The compilation of inventories should therefore be regarded as a continuous, dynamic process. It follows that inventories should comprise information at various levels of significance and reliability, since even superficial knowledge can form the starting point for protectional measures.

INVESTIGATION

Article 5.

Archaeological knowledge is based principally on the scientific investigation of the archaeological heritage. Such investigation embraces the whole range of methods from non-destructive techniques through sampling to total excavation.

It must be an overriding principle that the gathering of information about the archaeological heritage should not destroy any more archaeological evidence than is necessary for the protectional or scientific objectives of the investigation. Non-destructive techniques, aerial and ground survey, and sampling should therefore be encouraged wherever possible, in preference to total excavation.

As excavation always implies the necessity of making a selection of evidence to be documented and preserved at the cost of losing other information and possibly even the total destruction of the monument, a decision to excavate should only be taken after thorough consideration.

Excavation should be carried out on sites and monuments threatened by development, land-use change, looting, or natural deterioration.

In exceptional cases, unthreatened sites may be excavated to elucidate research problems or to interpret them more effectively for the purpose of presenting them to the public. In such cases excavation must be preceded by thorough scientific evaluation of the significance of the site. Excavation should be partial, leaving a portion undisturbed for future research.

A report conforming to an agreed standard should be made available to the scientific community and should be incorporated in the relevant inventory within a reasonable period after the conclusion of the excavation.

Excavations should be conducted in accordance with the principles embodied in the 1956 UNESCO Recommendations on International Principles Applicable to Archaeological Excavations and with agreed international and national professional standards.

MAINTENANCE AND CONSERVATION

Article 6.

The overall objective of archaeological heritage management should be the preservation of monuments and sites in situ, including proper long-term conservation and curation of all related records and collections etc. Any transfer of elements of the heritage to new locations represents a violation of the principle of preserving the heritage in its original context. This principle stresses the need for proper maintenance, conservation and management. It also asserts the principle that the archaeological heritage should not be exposed by excavation or

left exposed after excavation if provision for its proper maintenance and management after excavation cannot be guaranteed.

Local commitment and participation should be actively sought and encouraged as a means of promoting the maintenance of the archaeological heritage. This principle is especially important when dealing with the heritage of indigenous peoples or local cultural groups. In some cases it may be appropriate to entrust responsibility for the protection and management of sites and monuments to indigenous peoples.

Owing to the inevitable limitations of available resources, active maintenance will have to be carried out on a selective basis. It should therefore be applied to a sample of the diversity of sites and monuments, based upon a scientific assessment of their significance and representative character, and not confined to the more notable and visually attractive monuments.

The relevant principles of the 1956 UNESCO Recommendations should be applied in respect of the maintenance and conservation of the archaeological heritage.

PRESENTATION, INFORMATION, RECONSTRUCTION

Article 7.

The presentation of the archaeological heritage to the general public is an essential method of promoting an understanding of the origins and development of modern societies. At the same time it is the most important means of promoting an understanding of the need for its protection.

Presentation and information should be conceived as a popular interpretation of the current state of knowledge, and it must therefore be revised frequently. It should take account of the multifaceted approaches to an understanding of the past.

Reconstructions serve two important functions: experimental research and interpretation. They should, however, be carried out with great caution, so as to avoid disturbing any surviving archaeological evidence, and they should take account of evidence from all sources in order to achieve authenticity. Where possible and appropriate, reconstructions should not be built immediately on the archaeological remains, and should be identifiable as such.

PROFESSIONAL QUALIFICATIONS

Article 8.

High academic standards in many different disciplines are essential in the management of the archaeological heritage. The training of an adequate number of qualified professionals in the relevant fields of expertise should therefore be an important objective for the educational policies in every country. The need to develop expertise in certain highly specialised fields calls for international co-operation. Standards of professional training and professional conduct should be established and maintained.

The objective of academic archaeological training should take account of the shift in conservation policies from excavation to in situ preservation. It should also take into account the fact that the study of the history of indigenous peoples is as important in preserving and understanding the archaeological heritage as the study of outstanding monuments and sites.

The protection of the archaeological heritage is a process of continuous dynamic development. Time should therefore be made available to professionals working in this field to enable them to update their knowledge. Postgraduate training programmes should be developed with special emphasis on the protection and management of the archaeological heritage.

INTERNATIONAL CO-OPERATION

Article 9.

The archaeological heritage is the common heritage of all humanity. International cooperation is therefore essential in developing and maintaining standards in its management.

There is an urgent need to create international mechanisms for the exchange of information and experience among professionals dealing with archaeological heritage management. This requires the organisation of conferences, seminars, workshops, etc. at global as well as regional levels, and the establishment of regional centres for postgraduate studies. ICOMOS, through its specialised groups, should promote this aspect in its medium- and long-term planning.

International exchanges of professional staff should also be developed as a means of raising standards of archaeological heritage management.

Technical assistance programmes in the field of archaeological heritage management should be developed under the auspices of ICOMOS.

CHARTER ON THE PROTECTION AND MANAGEMENT OF UNDERWATER CULTURAL HERITAGE (1996)

Ratified by the 11th ICOMOS General Assembly in Sofia, Bulgaria, October 1996.

INTRODUCTION

This Charter is intended to encourage the protection and management of underwater cultural heritage in inland and inshore waters, in shallow seas and in the deep oceans. It focuses on the specific attributes and circumstances of cultural heritage under water and should be understood as a supplement to the ICOMOS Charter for the Protection and Management of Archaeological Heritage, 1990. The 1990 Charter defines the "archaeological heritage" as that part of the material heritage in respect of which archaeological methods provide primary information, comprising all vestiges of human existence and consisting of places relating to all manifestations of human activity, abandoned structures, and remains of all kinds, together with all the portable cultural material associated with them. For the purposes of this Charter underwater cultural heritage is understood to mean the archaeological heritage which is in, or has been removed from, an underwater environment. It includes submerged sites and structures, wreck-sites and wreckage and their archaeological and natural context.

By its very character the underwater cultural heritage is an international resource. A large part of the underwater cultural heritage is located in an international setting and derives from international trade and communication in which ships and their contents are lost at a distance from their origin or destination.

Archaeology is concerned with environmental conservation; in the language of resource management, underwater cultural heritage is both finite and non-renewable. If underwater cultural heritage is to contribute to our appreciation of the environment in the future, then we have to take individual and collective responsibility in the present for ensuring its continued survival.

Archaeology is a public activity; everybody is entitled to draw upon the past in informing their own lives, and every effort to curtail knowledge of the past is an infringement of personal autonomy. Underwater cultural heritage contributes to the formation of identity and can be important to people's sense of community. If managed sensitively, underwater cultural heritage can play a positive role in the promotion of recreation and tourism.

Archaeology is driven by research, it adds to knowledge of the diversity of human culture through the ages and it provides new and challenging ideas about life in the past. Such knowledge and ideas contribute to understanding life today and, thereby, to anticipating future challenges.

Many marine activities, which are themselves beneficial and desirable, can have unfortunate consequences for underwater cultural heritage if their effects are not foreseen.

Underwater cultural heritage may be threatened by construction work that alters the shore and seabed or alters the flow of current, sediment and pollutants. Underwater cultural heritage may also be threatened by insensitive exploitation of living and non-living resources. Furthermore, inappropriate forms of access and the incremental impact of removing "souvenirs" can have a deleterious effect.

Many of these threats can be removed or substantially reduced by early consultation with archaeologists and by implementing mitigatory projects. This Charter is intended to assist in bringing a high standard of archaeological expertise to bear on such threats to underwater cultural heritage in a prompt and efficient manner.

Underwater cultural heritage is also threatened by activities that are wholly undesirable because they are intended to profit few at the expense of many. Commercial exploitation of underwater cultural heritage for trade or speculation is fundamentally incompatible with the protection and management of the heritage. This Charter is intended to ensure that all investigations are explicit in their aims, methodology and anticipated results so that the intention of each project is transparent to all.

Article 1 - Fundamental Principles

The preservation of underwater cultural heritage in situ should be considered as a first option.

Public access should be encouraged.

Non-destructive techniques, non-intrusive survey and sampling should be encouraged in preference to excavation.

Investigation must not adversely impact the underwater cultural heritage more than is necessary for the mitigatory or research objectives of the project.

Investigation must avoid unnecessary disturbance of human remains or venerated sites.

Investigation must be accompanied by adequate documentation.

Article 2 - Project Design

Prior to investigation a project must be prepared, taking into account:

- the mitigatory or research objectives of the project;
- the methodology to be used and the techniques to be employed;
- anticipated funding;
- the time-table for completing the project;
- the composition, qualifications, responsibility and experience of the investigating team;
- material conservation;
- site management and maintenance;
- arrangements for collaboration with museums and other institutions;
- documentation:
- health and safety;
- report preparation;
- deposition of archives, including underwater cultural heritage removed during investigation;
- dissemination, including public participation.

The project design should be revised and amended as necessary.

Investigation must be carried out in accordance with the project design. The project design should be made available to the archaeological community.

Article 3 - Funding

Adequate funds must be assured in advance of investigation to complete all stages of the project design including conservation, report preparation and dissemination. The project design should include contingency plans that will ensure conservation of underwater cultural heritage and supporting documentation in the event of any interruption in anticipated funding.

Project funding must not require the sale of underwater cultural heritage or the use of any strategy that will cause underwater cultural heritage and supporting documentation to be irretrievably dispersed.

Article 4 - Time-table

Adequate time must be assured in advance of investigation to complete all stages of the project design including conservation, report preparation and dissemination. The project design should include contingency plans that will ensure conservation of underwater cultural heritage and supporting documentation in the event of any interruption in anticipated timings.

Article 5- Research objectives, methodology and techniques

Research objectives and the details of the methodology and techniques to be employed must be set down in the project design. The methodology should accord with the research objectives of the investigation and the techniques employed must be as unintrusive as possible.

Post-fieldwork analysis of artefacts and documentation is integral to all investigation; adequate provision for this analysis must be made in the project design.

Article 6 - Qualifications, responsibility and experience

All persons on the investigating team must be suitably qualified and experienced for their project roles. They must be fully briefed and understand the work required.

All intrusive investigations of underwater cultural heritage will only be undertaken under the direction and control of a named underwater archaeologist with recognised qualifications and experience appropriate to the investigation.

Article 7 - Preliminary investigation

All intrusive investigations of underwater cultural heritage must be preceded and informed by a site assessment that evaluates the vulnerability, significance and potential of the site.

The site assessment must encompass background studies of available historical and archaeological evidence, the archaeological and environmental characteristics of the site and the consequences of the intrusion for the long term stability of the area affected by investigations.

Article 8 - Documentation

All investigation must be thoroughly documented in accordance with current professional standards of archaeological documentation.

Documentation must provide a comprehensive record of the site, which includes the provenance of underwater cultural heritage moved or removed in the course of investigation, field notes, plans and drawings, photographs and records in other media.

Article 9 - Material conservation

The material conservation programme must provide for treatment of archaeological remains during investigation, in transit and in the long term.

Material conservation must be carried out in accordance with current professional standards.

Article 10 - Site management and maintenance

A programme of site management must be prepared, detailing measures for protecting and managing in situ underwater cultural heritage in the course of an upon termination of fieldwork. The programme should include public information, reasonable provision for site stabilisation, monitoring and protection against interference. Public access to in situ

underwater cultural heritage should be promoted, except where access is incompatible with protection and management.

Article 11 - Health and safety

The health and safety of the investigating team and third parties is paramount. All persons on the investigating team must work according to a safety policy that satisfies relevant statutory and professional requirements and is set out in the project design.

Article 12 - Reporting

Interim reports should be made available according to a time-table set out in the project design, and deposited in relevant public records.

Reports should include:

- an account of the objectives;
- an account of the methodology and techniques employed;
- · an account of the results achieved;
- recommendations concerning future research, site management and curation of underwater cultural heritage removed during the investigation.

Article 13 - Curation

The project archive, which includes underwater cultural heritage removed during investigation and a copy of all supporting documentation, must be deposited in an institution that can provide for public access and permanent curation of the archive. Arrangements for deposition of the archive should be agreed before investigation commences, and should be set out in the project design. The archive should be prepared in accordance with current professional standards.

The scientific integrity of the project archive must be assured; deposition in a number of institutions must not preclude reassembly to allow further research. Underwater cultural heritage is not to be traded as items of commercial value.

Article 14 – Dissemination

Public awareness of the results of investigations and the significance of underwater cultural heritage should be promoted through popular presentation in a range of media. Access to such presentations by a wide audience should not be prejudiced by high charges.

Co-operation with local communities and groups is to be encouraged, as is co-operation with communities and groups that are particularly associated with the underwater cultural heritage concerned. It is desirable that investigations proceed with the consent and endorsement of such communities and groups.

The investigation team will seek to involve communities and interest groups in investigations to the extent that such involvement is compatible with protection and management. Where practical, the investigation team should provide opportunities for the public to develop archaeological skills through training and education.

Collaboration with museums and other institutions is to be encouraged. Provision for visits, research and reports by collaborating institutions should be made in advance of investigation.

A final synthesis of the investigation must be made available as soon as possible, having regard to the complexity of the research, and deposited in relevant public records.

Article 15 - International co-operation

International co-operation is essential for protection and management of underwater cultural heritage and should be promoted in the interests of high standards of investigation and research. International co-operation should be encouraged in order to make effective use of archaeologists and other professionals who are specialised in investigations of underwater cultural heritage. Programmes for exchange of professionals should be considered as a means of disseminating best practice.

INTERNATIONAL CULTURAL TOURISM CHARTER Managing Tourism at Places of Heritage Significance (1999)

Adopted by ICOMOS at the 12th General Assembly in Mexico, October 1999.

INTRODUCTION

The Charter Ethos

At the broadest level, the natural and cultural heritage belongs to all people. We each have a right and responsibility to understand, appreciate and conserve its universal values.

Heritage is a broad concept and includes the natural as well as the cultural environment. It encompasses landscapes, historic places, sites and built environments, as well as biodiversity, collections, past and continuing cultural practices, knowledge and living experiences. It records and expresses the long processes of historic development, forming the essence of diverse national, regional, indigenous and local identities and is an integral part of modern life. It is a dynamic reference point and positive instrument for growth and change. The particular heritage and collective memory of each locality or community is irreplaceable and an important foundation for development, both now and into the future.

At a time of increasing globalisation, the protection, conservation, interpretation and presentation of the heritage and cultural diversity of any particular place or region is an important challenge for people everywhere. However, management of that heritage, within a framework of internationally recognised and appropriately applied standards, is usually the responsibility of the particular community or custodian group.

A primary objective for managing heritage is to communicate its significance and need for its conservation to its host community and to visitors. Reasonable and well managed physical, intellectual and/or emotive access to heritage and cultural development is both a right and a privilege. It brings with it a duty of respect for the heritage values, interests and equity of the present-day host community, indigenous custodians or owners of historic property and for the landscapes and cultures from which that heritage evolved.

The Dynamic Interaction between Tourism and Cultural Heritage

Domestic and international tourism continues to be among the foremost vehicles for cultural exchange, providing a personal experience, not only of that which has survived from the past, but of the contemporary life and society of others. It is increasingly appreciated as a positive force for natural and cultural conservation. Tourism can capture the economic characteristics of the heritage and harness these for conservation by generating funding, educating the community and influencing policy. It is an essential part of many national and regional economies and can be an important factor in development, when managed successfully.

Tourism itself has become an increasingly complex phenomenon, with political, economic, social, cultural, educational, bio-physical, ecological and aesthetic dimensions. The achievement of a beneficial inter-action between the potentially conflicting expectations and aspirations of visitors and host or local communities, presents many challenges and opportunities.

The natural and cultural heritage, diversities and living cultures are major tourism attractions. Excessive or poorly-managed tourism and tourism related development can threaten their

physical nature, integrity and significant characteristics. The ecological setting, culture and lifestyles of host communities may also be degraded, along with the visitor's experience of the place.

Tourism should bring benefits to host communities and provide an important means and motivation for them to care for and maintain their heritage and cultural practices. The involvement and co-operation of local and/or indigenous community representatives, conservationists, tourism operators, property owners, policy makers, those preparing national development plans and site managers is necessary to achieve a sustainable tourism industry and enhance the protection of heritage resources for future generations.

ICOMOS, the International Council on Monuments and Sites, as the author of this Charter, other international organisations and the tourism industry, are dedicated to this challenge.

Objectives of the Charter

The Objectives of the International Cultural Tourism Charter are:

- To facilitate and encourage those involved with heritage conservation and management to make the significance of that heritage accessible to the host community and visitors.
- To facilitate and encourage the tourism industry to promote and manage tourism in ways that respect and enhance the heritage and living cultures of host communities.
- To facilitate and encourage a dialogue between conservation interests and the tourism industry about the importance and fragile nature of heritage places, collections and living cultures, including the need to achieve a sustainable future for them.
- To encourage those formulating plans and policies to develop detailed, measurable goals and strategies relating to the presentation and interpretation of heritage places and cultural activities, in the context of their preservation and conservation.

In addition,

- The Charter supports wider initiatives by ICOMOS, other international bodies and the tourism industry in maintaining the integrity of heritage management and conservation.
- The Charter encourages the involvement of all those with relevant or at times conflicting interests, responsibilities and obligations to join in achieving its objectives.
- The Charter encourages the formulation of detailed guidelines by interested parties, facilitating the implementation of the Principles to their specific circumstances or the requirements of particular organisations and communities.

PRINCIPLES OF THE CULTURAL TOURISM CHARTER

Principle 1

Since domestic and international tourism is among the foremost vehicles for cultural exchange, conservation should provide responsible and well managed opportunities for members of the host community and visitors to experience and understand that community's heritage and culture at first hand.

1.1

The natural and cultural heritage is a material and spiritual resource, providing a narrative of historical development. It has an important role in modern life and should be made physically, intellectually and/or emotively accessible to the general public. Programmes for the protection and conservation of the physical attributes, intangible aspects, contemporary cultural expressions and broad context, should facilitate an understanding and appreciation of the heritage significance by the host community and the visitor, in an equitable and affordable manner.

1.2

Individual aspects of natural and cultural heritage have differing levels of significance, some with universal values, others of national, regional or local importance. Interpretation programmes should present that significance in a relevant and accessible manner to the host community and the visitor, with appropriate, stimulating and contemporary forms of education, media, technology and personal explanation of historical, environmental and cultural information.

1.3

Interpretation and presentation programmes should facilitate and encourage the high level of public awareness and support necessary for the long term survival of the natural and cultural heritage.

1.4

Interpretation programmes should present the significance of heritage places, traditions and cultural practices within the past experience and present diversities of the area and the host community, including that of minority cultural or linguistic groups. The visitor should always be informed of the differing cultural values that may be ascribed to a particular heritage resource.

Principle 2

The relationship between Heritage Places and Tourism is dynamic and may involve conflicting values. It should be managed in a sustainable way for present and future generations.

2.1

Places of heritage significance have an intrinsic value for all people as an important basis for cultural diversity and social development. The long term protection and conservation of living cultures, heritage places, collections, their physical and ecological integrity and their environmental context, should be an essential component of social, economic, political, legislative, cultural and tourism development policies.

2.2

The interaction between heritage resources or values and tourism is dynamic and ever changing, generating both opportunities and challenges, as well as potential conflicts. Tourism projects, activities and developments should achieve positive outcomes and minimise adverse impacts on the heritage and lifestyles of the host community, while responding to the needs and aspirations of the visitor.

2.3

Conservation, interpretation and tourism development programmes should be based on a comprehensive understanding of the specific, but often complex or conflicting aspects of heritage significance of the particular place. Continuing research and consultation are important to furthering the evolving understanding and appreciation of that significance.

2.4

The retention of the authenticity of heritage places and collections is important. It is an essential element of their cultural significance, as expressed in the physical material, collected memory and intangible traditions that remain from the past. Programmes should present and interpret the authenticity of places and cultural experiences to enhance the appreciation and understanding of that cultural heritage.

2.5

Tourism development and infrastructure projects should take account of the aesthetic, social and cultural dimensions, natural and cultural landscapes, bio-diversity characteristics and the broader visual context of heritage places. Preference should be given to using local materials and take account of local architectural styles or vernacular traditions.

2.6

Before heritage places are promoted or developed for increased tourism, management plans should assess the natural and cultural values of the resource. They should then establish appropriate limits of acceptable change, particularly in relation to the impact of visitor numbers on the physical characteristics, integrity, ecology and biodiversity of the place, local access and transportation systems and the social, economic and cultural well being of the host community. If the likely level of change is unacceptable the development proposal should be modified.

2.7

There should be on-going programmes of evaluation to assess the progressive impacts of tourism activities and development on the particular place or community.

Principle 3

Conservation and Tourism Planning for Heritage Places should ensure that the Visitor Experience will be worthwhile, satisfying and enjoyable.

3.1

Conservation and tourism programmes should present high quality information to optimise the visitor's understanding of the significant heritage characteristics and of the need for their protection, enabling the visitor to enjoy the place in an appropriate manner.

3.2

Visitors should be able to experience the heritage place at their own pace, if they so choose. Specific circulation routes may be necessary to minimise impacts on the integrity and physical fabric of a place, its natural and cultural characteristics.

3.3

Respect for the sanctity of spiritual places, practices and traditions is an important consideration for site managers, visitors, policy makers, planners and tourism operators. Visitors should be encouraged to behave as welcomed guests, respecting the values and lifestyles of the host community, rejecting possible theft or illicit trade in cultural property and conducting themselves in a responsible manner which would generate a renewed welcome, should they return.

3.4

Planning for tourism activities should provide appropriate facilities for the comfort, safety and well-being of the visitor, that enhance the enjoyment of the visit but do not adversely impact on the significant features or ecological characteristics.

Principle 4

Host communities and indigenous peoples should be involved in planning for conservation and tourism.

4.1

The rights and interests of the host community, at regional and local levels, property owners and relevant indigenous peoples who may exercise traditional rights or responsibilities over their own land and its significant sites, should be respected. They should be involved in establishing goals, strategies, policies and protocols for the identification, conservation, management, presentation and interpretation of their heritage resources, cultural practices and contemporary cultural expressions, in the tourism context.

4.2

While the heritage of any specific place or region may have a universal dimension, the needs and wishes of some communities or indigenous peoples to restrict or manage physical, spiritual or intellectual access to certain cultural practices, knowledge, beliefs, activities, artefacts or sites should be respected.

Principle 5

Tourism and conservation activities should benefit the host community.

5.1

Policy makers should promote measures for the equitable distribution of the benefits of tourism to be shared across countries or regions, improving the levels of socio-economic development and contributing where necessary to poverty alleviation.

5.2

Conservation management and tourism activities should provide equitable economic, social and cultural benefits to the men and women of the host or local community, at all levels, through education, training and the creation of full-time employment opportunities.

5.3

A significant proportion of the revenue specifically derived from tourism programmes to heritage places should be allotted to the protection, conservation and presentation of those places, including their natural and cultural contexts. Where possible, visitors should be advised of this revenue allocation.

5.4

Tourism programmes should encourage the training and employment of guides and site interpreters from the host community to enhance the skills of local people in the presentation and interpretation of their cultural values.

5.5

Heritage interpretation and education programmes among the people of the host community should encourage the involvement of local site interpreters. The programmes should promote a knowledge and respect for their heritage, encouraging the local people to take a direct interest in its care and conservation.

5.6

Conservation management and tourism programmes should include education and training opportunities for policy makers, planners, researchers, designers, architects, interpreters, conservators and tourism operators. Participants should be encouraged to understand and help resolve the at times conflicting issues, opportunities and problems encountered by their colleagues.

Principle 6

Tourism promotion programmes should protect and enhance Natural and Cultural Heritage characteristics.

6.1

Tourism promotion programmes should create realistic expectations and responsibly inform potential visitors of the specific heritage characteristics of a place or host community, thereby encouraging them to behave appropriately.

6.2

Places and collections of heritage significance should be promoted and managed in ways which protect their authenticity and enhance the visitor experience by minimising fluctuations in arrivals and avoiding excessive numbers of visitors at any one time.

6.3

Tourism promotion programmes should provide a wider distribution of benefits and relieve the pressures on more popular places by encouraging visitors to experience the wider cultural and natural heritage characteristics of the region or locality.

6.4

The promotion, distribution and sale of local crafts and other products should provide a reasonable social and economic return to the host community, while ensuring that their cultural integrity is not degraded.

CHARTER ON THE BUILT VERNACULAR HERITAGE (1999)

Ratified by the ICOMOS 12th General Assembly, in Mexico, October 1999.

INTRODUCTION

The built vernacular heritage occupies a central place in the affection and pride of all peoples. It has been accepted as a characteristic and attractive product of society. It appears informal, but nevertheless orderly. It is utilitarian and at the same time possesses interest and beauty. It is a focus of contemporary life and at the same time a record of the history of society. Although it is the work of man it is also the creation of time. It would be unworthy of the heritage of man if care were not taken to conserve these traditional harmonies which constitute the core of man's own existence.

The built vernacular heritage is important; it is the fundamental expression of the culture of a community, of its relationship with its territory and, at the same time, the expression of the world's cultural diversity.

Vernacular building is the traditional and natural way by which communities house themselves. It is a continuing process including necessary changes and continuous adaptation as a response to social and environmental constraints. The survival of this tradition is threatened world-wide by the forces of economic, cultural and architectural homogenisation. How these forces can be met is a fundamental problem that must be addressed by communities and also by governments, planners, architects, conservationists and by a multidisciplinary group of specialists.

Due to the homogenisation of culture and of global socio-economic transformation, vernacular structures all around the world are extremely vulnerable, facing serious problems of obsolescence, internal equilibrium and integration.

It is necessary, therefore, in addition to the Venice Charter, to establish principles for the care and protection of our built vernacular heritage.

GENERAL ISSUES

- 1. Examples of the vernacular may be recognised by:
 - a) A manner of building shared by the community;
 - **b)** A recognisable local or regional character responsive to the environment;
- **c)** Coherence of style, form and appearance, or the use of traditionally established building types;
 - **d)** Traditional expertise in design and construction which is transmitted informally;
 - e) An effective response to functional, social and environmental constraints;
 - **f)** The effective application of traditional construction systems and crafts.
- **2.** The appreciation and successful protection of the vernacular heritage depend on the involvement and support of the community, continuing use and maintenance.
- **3.** Governments and responsible authorities must recognise the right of all communities to maintain their living traditions, to protect these through all available legislative, administrative and financial means and to hand them down to future generations.

PRINCIPLES OF CONSERVATION

- **1.** The conservation of the built vernacular heritage must be carried out by multidisciplinary expertise while recognising the inevitability of change and development, and the need to respect the community's established cultural identity.
- **2.** Contemporary work on vernacular buildings, groups and settlements should respect their cultural values and their traditional character.
- **3.** The vernacular is only seldom represented by single structures, and it is best conserved by maintaining and preserving groups and settlements of a representative character, region by region.
- **4.** The built vernacular heritage is an integral part of the cultural landscape and this relationship must be taken into consideration in the development of conservation approaches.
- **5.** The vernacular embraces not only the physical form and fabric of buildings, structures and spaces, but the ways in which they are used and understood, and the traditions and the intangible associations which attach to them.

GUIDELINES IN PRACTICE

1. Research and documentation

Any physical work on a vernacular structure should be cautious and should be preceded by a full analysis of its form and structure. This document should be lodged in a publicly accessible archive.

2. Siting, landscape and groups of buildings

Interventions to vernacular structures should be carried out in a manner which will respect and maintain the integrity of the siting, the relationship to the physical and cultural landscape, and of one structure to another.

3. Traditional building systems

The continuity of traditional building systems and craft skills associated with the vernacular is fundamental for vernacular expression, and essential for the repair and restoration of these structures. Such skills should be retained, recorded and passed on to new generations of craftsmen and builders in education and training.

4. Replacement of materials and parts

Alterations which legitimately respond to the demands of contemporary use should be effected by the introduction of materials which maintain a consistency of expression, appearance, texture and form throughout the structure and a consistency of building materials.

5. Adaptation

Adaptation and reuse of vernacular structures should be carried out in a manner which will respect the integrity of the structure, its character and form while being compatible with acceptable standards of living. Where there is no break in the continuous utilisation of vernacular forms, a code of ethics within the community can serve as a tool of intervention.

6. Changes and period restoration

Changes over time should be appreciated and understood as important aspects of vernacular architecture. Conformity of all parts of a building to a single period, will not normally be the goal of work on vernacular structures.

7. Training

In order to conserve the cultural values of vernacular expression, governments, responsible authorities, groups and organisations must place emphasis on the following:

- a) Education programmes for conservators in the principles of the vernacular;
- **b)** Training programmes to assist communities in maintaining traditional building systems, materials and craft skills;

- **c)** Information programmes which improve public awareness of the vernacular especially amongst the younger generation.
- ${f d}$) Regional networks on vernacular architecture to exchange expertise and experiences.

CIAV:

Madrid, January 30, 1996, Jerusalem, March 28, 1996 Mikkeli, February 26, 1998. Santo Domingo, August 26, 1998.

ICOMOS: Stockholm, September 10, 1998.

PRINCIPLES FOR THE PRESERVATION OF HISTORIC TIMBER STRUCTURES (1999)

Adopted by ICOMOS at the 12th General Assembly in Mexico, October 1999.

The aim of this document is to define basic and universally applicable principles and practices for the protection and preservation of historic timber structures with due respect to their cultural significance. Historic timber structures refer here to all types of buildings or constructions wholly or partially in timber that have cultural significance or that are parts of a historic area.

For the purpose of the preservation of such structures, the Principles:

- recognise the importance of timber structures from all periods as part of the cultural heritage of the world;
- take into account the great diversity of historic timber structures;
- take into account the various species and qualities of wood used to build them;
- recognise the vulnerability of structures wholly or partially in timber due to material decay and degradation in varying environmental and climatic conditions, caused by humidity fluctuations, light, fungal and insect attacks, wear and tear, fire and other disasters;
- recognise the increasing scarcity of historic timber structures due to vulnerability, misuse and the loss of skills and knowledge of traditional design and construction technology;
- take into account the great variety of actions and treatments required for the preservation and conservation of these heritage resources;
- note the Venice Charter, the Burra Charter and related UNESCO and ICOMOS doctrine, and seek to apply these general principles to the protection and preservation of historic timber structures;

And make the following recommendations:

INSPECTION, RECORDING AND DOCUMENTATION

- 1. The condition of the structure and its components should be carefully recorded before any intervention, as well as all materials used in treatments, in accordance with Article 16 of the Venice Charter and the ICOMOS Principles for the Recording of Monuments, Groups of Buildings and Sites. All pertinent documentation, including characteristic samples of redundant materials or members removed from the structure, and information about relevant traditional skills and technologies, should be collected, catalogued, securely stored and made accessible as appropriate. The documentation should also include the specific reasons given for choice of materials and methods in the preservation work.
- **2.** A thorough and accurate diagnosis of the condition and the causes of decay and structural failure of the timber structure should precede any intervention. The diagnosis should be based on documentary evidence, physical inspection and analysis, and, if necessary, measurements of physical conditions and non-destructive testing methods. This should not prevent necessary minor interventions and emergency measures.

MONITORING AND MAINTENANCE

3. A coherent strategy of regular monitoring and maintenance is crucial for the protection of historic timber structures and their cultural significance.

INTERVENTIONS

- **4.** The primary aim of preservation and conservation is to maintain the historical authenticity and integrity of the cultural heritage. Each intervention should therefore be based on proper studies and assessments. Problems should be solved according to relevant conditions and needs with due respect for the aesthetic and historical values, and the physical integrity of the historic structure or site.
 - **5.** Any proposed intervention should for preference:
 - a) follow traditional means;
 - **b)** be reversible, if technically possible; or
- **c)** at least not prejudice or impede future preservation work whenever this may become necessary; and
- ${f d}$) not hinder the possibility of later access to evidence incorporated in the structure.
- **6.** The minimum intervention in the fabric of a historic timber structure is an ideal. In certain circumstances, minimum intervention can mean that their preservation and conservation may require the complete or partial dismantling and subsequent reassembly in order to allow for the repair of timber structures.
- **7.** In the case of interventions, the historic structure should be considered as a whole; all material, including structural members, in-fill panels, weather-boarding, roofs, floors, doors and windows, etc., should be given equal attention. In principle, as much as possible of the existing material should be retained. The protection should also include surface finishes such as plaster, paint, coating, wall-paper, etc. If it is necessary to renew or replace surface finishes, the original materials, techniques and textures should be duplicated as far as possible.
- **8.** The aim of restoration is to conserve the historic structure and its loadbearing function and to reveal its cultural values by improving the legibility of its historical integrity, its earlier state and design within the limits of existing historic material evidence, as indicated in articles 9 13 of the Venice Charter. Removed members and other components of the historic structure should be catalogued, and characteristic samples kept in permanent storage as part of the documentation.

REPAIR AND REPLACEMENT

9. In the repair of a historic structure, replacement timber can be used with due respect to relevant historical and aesthetical values, and where it is an appropriate response to the need to replace decayed or damaged members or their parts, or to the requirements of restoration.

New members or parts of members should be made of the same species of wood with the same, or, if appropriate, with better, grading as in the members being replaced. Where possible, this should also include similar natural characteristics. The moisture content and other physical characteristics of the replacement timber should be compatible with the existing structure.

Craftsmanship and construction technology, including the use of dressing tools or machinery, should, where possible, correspond with those used originally. Nails and other secondary materials should, where appropriate, duplicate the originals.

If a part of a member is replaced, traditional woodwork joints should, if appropriate and compatible with structural requirements, be used to splice the new and the existing part.

- **10.** It should be accepted that new members or parts of members will be distinguishable from the existing ones. To copy the natural decay or deformation of the replaced members or parts is not desirable. Appropriate traditional or well-tested modern methods may be used to match the colouring of the old and the new with due regard that this will not harm or degrade the surface of the wooden member.
 - 11. New members or parts of members should be discretely marked, by carving, by

marks burnt into the wood or by other methods, so that they can be identified later.

HISTORIC FOREST RESERVES

12. The establishment and protection of forest or woodland reserves where appropriate timber can be obtained for the preservation and repair of historic timber structures should be encouraged.

Institutions responsible for the preservation and conservation of historic structures and sites should establish or encourage the establishment of stores of timber appropriate for such work.

CONTEMPORARY MATERIALS AND TECHNOLOGIES

- **13.** Contemporary materials, such as epoxy resins, and techniques, such as structural steel reinforcement, should be chosen and used with the greatest caution, and only in cases where the durability and structural behaviour of the materials and construction techniques have been satisfactorily proven over a sufficiently long period of time. Utilities, such as heating, and fire detection and prevention systems, should be installed with due recognition of the historic and aesthetic significance of the structure or site.
- **14.** The use of chemical preservatives should be carefully controlled and monitored, and should be used only where there is an assured benefit, where public and environmental safety will not be affected and where the likelihood of success over the long term is significant.

EDUCATION AND TRAINING

15. Regeneration of values related to the cultural significance of historic timber structures through educational programmes is an essential requisite of a sustainable preservation and development policy. The establishment and further development of training programmes on the protection, preservation and conservation of historic timber structures are encouraged. Such training should be based on a comprehensive strategy integrated within the needs of sustainable production and consumption, and include programmes at the local, national, regional and international levels. The programmes should address all relevant professions and trades involved in such work, and, in particular, architects, conservators, engineers, craftspersons and site managers.

ICOMOS CHARTER- PRINCIPLES FOR THE ANALYSIS, **CONSERVATION AND STRUCTURAL RESTORATION OF ARCHITECTURAL HERITAGE (2003)**

Ratified by the ICOMOS 14th General Assembly in Victoria Falls, Zimbabwe, in 2003

PRINCIPLES

PURPOSE OF THE DOCUMENT

Structures of architectural heritage, by their very nature and history (material and assembly), present a number of challenges in diagnosis and restoration that limit the application of modern legal codes and building standards. Recommendations are desirable and necessary to both ensure rational methods of analysis and repair methods appropriate to the cultural context.

These Recommendations are intended to be useful to all those involved in conservation and restoration problems, but cannot in anyway replace specific knowledge acquired from cultural and scientific texts.

The Recommendations presented in the complete document are in two sections: Principles, where the basic concepts of conservation are presented; Guidelines, where the rules and methodology that a designer should follow are discussed. Only the Principles have the status of an approved/ratified ICOMOS document.

The guidelines are available in English in a separate document.

PRINCIPLES

1 **GENERAL CRITERIA**

- 1.1 Conservation, reinforcement and restoration of architectural heritage requires a multi-disciplinary approach.
- 1.2 Value and authenticity of architectural heritage cannot be based on fixed criteria because the respect due to all cultures also requires that its physical heritage be considered within the cultural context to which it belongs.
- 1.3 The value of architectural heritage is not only in its appearance, but also in the integrity of all its components as a unique product of the specific building technology of its time. In particular the removal of the inner structures maintaining only the façades does not fit the conservation criteria.
- 1.4 When any change of use or function is proposed, all the conservation requirements and safety conditions have to be carefully taken into account.
- 1.5 Restoration of the structure in Architecture Heritage is not an end in itself but a means to an end, which is the building as a whole.
- 1.6 The peculiarity of heritage structures, with their complex history, requires the organisation of studies and proposals in precise steps that are similar to those used

in medicine. Anamnesis, diagnosis, therapy and controls, corresponding respectively to the searches for significant data and information, individuation of the causes of damage and decay, choice of the remedial measures and control of the efficiency of the interventions. In order to achieve cost effectiveness and minimal impact on architectural heritage using funds available in a rational way; it is usually necessary that the study repeats these steps in an iterative process.

1.7 No action should be undertaken without having ascertained the achievable benefit and harm to the architectural heritage, except in cases where urgent safeguard measures are necessary to avoid the imminent collapse of the structures (e.g. after seismic damages); those urgent measures, however, should when possible avoid modifying the fabric in an irreversible way.

2 RESEARCHES AND DIAGNOSIS

- 2.1 Usually a multidisciplinary team, to be determined in relation to the type and the scale of the problem, should work together from the first steps of a study as in the initial survey of the site and the preparation of the investigation programme.
- 2.2 Data and information should first be processed approximately, to establish a more comprehensive plan of activities in proportion to the real problems of the structures.
- 2.3 A full understanding of the structural and material characteristics is required in conservation practice. Information is essential on the structure in its original and earlier states, on the techniques that were used in the construction, on the alterations and their effects, on the phenomena that have occurred, and, finally, on its present state.
- 2.4 In archaeological sites specific problems may be posed because structures have to be stabilised during excavation when knowledge is not yet complete. The structural responses to a "rediscovered" building may be completely different from those to an "exposed" building. Urgent site-structural-solutions, required to stabilise the structure as it is being excavated, should not compromise the complete building's concept form and use.
- 2.5 Diagnosis is based on historical, qualitative and quantitative approaches; the qualitative approach being mainly based on direct observation of the structural damage and material decay as well as historical and archaeological research, and the quantitative approach mainly on material and structural tests, monitoring and structural analysis.
- 2.6 Before making a decision on structural intervention it is indispensable to determine first the causes of damage and decay, and then to evaluate the safety level of the structure.
- 2.7 The safety evaluation, which is the last step in the diagnosis, where the need for treatment measures is determined, should reconcile qualitative with quantitative analysis: direct observation, historical research, structural analysis and, if it is the case, experiments and tests.
- 2.8 Often the application of the same safety levels as in the design of new buildings requires excessive, if not impossible, measures. In these cases specific analyses and appropriate considerations may justify different approaches to safety.
- 2.9 All aspects related to the acquired information, the diagnosis including the safety evaluation, and the decision to intervene should be described in an "EXPLANATORY REPORT".

3 REMEDIAL MEASURES AND CONTROLS

- 3.1 Therapy should address root causes rather than symptoms.
- 3.2 The best therapy is preventive maintenance
- 3.3 Safety evaluation and an understanding of the significance of the structure should be the basis for conservation and reinforcement measures.
- 3.4 No actions should be undertaken without demonstrating that they are indispensable.
- 3.5 Each intervention should be in proportion to the safety objectives set, thus keeping intervention to the minimum to guarantee safety and durability with the least harm to heritage values.
- 3.6 The design of intervention should be based on a clear understanding of the kinds of actions that were the cause of the damage and decay as well as those that are taken into account for the analysis of the structure after intervention; because the design will be dependent upon them.
- 3.7 The choice between "traditional" and "innovative" techniques should be weighed up on a case-by-case basis and preference given to those that are least invasive and most compatible with heritage values, bearing in mind safety and durability requirements.
- 3.8 At times the difficulty of evaluating the real safety levels and the possible benefits of interventions may suggest "an observational method", i.e. an incremental approach, starting from a minimum level of intervention, with the possible subsequent adoption of a series of supplementary or corrective measures.
- 3.9 Where possible, any measures adopted should be "reversible" so that they can be removed and replaced with more suitable measures when new knowledge is acquired. Where they are not completely reversible, interventions should not limit further interventions.
- 3.10 The characteristics of materials used in restoration work (in particular new materials) and their compatibility with existing materials should be fully established. This must include long-term impacts, so that undesirable side-effects are avoided.
- 3.11 The distinguishing qualities of the structure and its environment, in their original or earlier states, should not be destroyed.
- 3.12 Each intervention should, as far as possible, respect the concept, techniques and historical value of the original or earlier states of the structure and leaves evidence that can be recognised in the future.
- 3.13 Intervention should be the result of an overall integrated plan that gives due weight to the different aspects of architecture, structure, installations and functionality.
- 3.14 The removal or alteration of any historic material or distinctive architectural features should be avoided whenever possible.
- 3.15 Deteriorated structures whenever possible should be repaired rather than replaced.

- 3.16 Imperfections and alterations, when they have become part of the history of the structure, should be maintained so far so they do not compromise the safety requirements.
- 3.17 Dismantling and reassembly should only be undertaken as an optional measure required by the very nature of the materials and structure when conservation by other means impossible, or harmful.
- 3.18 Provisional safeguard systems used during the intervention should show their purpose and function without creating any harm to heritage values.
- 3.19 Any proposal for intervention must be accompanied by a programme of control to be carried out, as far as possible, while the work is in progress.
- 3.20 Measures that are impossible to control during execution should not be allowed.
- 3.21 Checks and monitoring during and after the intervention should be carried out to ascertain the efficacy of the results.
- 3.22 All the activities of checking and monitoring should be documented and kept as part of the history of the structure.

ICOMOS PRINCIPLES FOR THE PRESERVATION AND CONSERVATION-RESTORATION OF WALL PAINTINGS (2003)

Ratified by the ICOMOS 14th General Assembly in Victoria Falls, Zimbabwe, in 2003

INTRODUCTION AND DEFINITION

Wall paintings have been cultural expressions of human creation throughout history, from the earliest beginnings, such as rock art, extending up to present day murals. Their deterioration, accidental or intentional destruction constitutes a loss affecting a significant part of the world's cultural heritage. The Venice Charter (1964) has provided general principles for the conservation-restoration of cultural heritage. The Amsterdam Declaration (1975) introducing the concept of integrated conservation, and the Nara Document on Authenticity (1994) dealing with cultural diversity, have expanded these principles. Taking into account these and additional relevant contributions, such as the ICOM-CC Code of Ethics (1984), Document of Pavia (1997), and E.C.C.O. Professional Guidelines (1997), the aim of this document is to provide more specific principles for the protection, preservation and the conservation-restoration of wall paintings. This document, therefore, reflects basic and universally applicable principles and practices, and does not take into account particular problems of regions or countries, which can be supplemented at regional and national level by providing further recommendations where necessary.

The richness of wall paintings is founded on the variety of cultural expressions, aesthetic achievements, and the diversity of materials and techniques used from ancient until present times. The following articles refer to paintings created on inorganic supports, such as plaster, brick, clay and stone, and do not include paintings executed on organic supports, such as wood, paper and canvas. Composite materials in many historic buildings need special consideration outside the scope of this document. Architectural surfaces and their finishing layers, with their historical, aesthetic and technical values have to be considered as equally important components of historic monuments.

Wall paintings are an integral part of monuments and sites and should be preserved in situ. Many of the problems affecting wall paintings are linked to the poor condition of the building or structure, its improper use, lack of maintenance, frequent repairs and alterations. Also frequent restorations, unnecessary uncovering, and use of inappropriate methods and materials can result in irreparable damage. Substandard and inadequate practices and professional qualifications have led to unfortunate results. It is for this reason that an appropriate document covering the principles of proper conservation-restoration of wall paintings is necessary.

ARTICLE 1: PROTECTION POLICY

A necessary approach to the protection of wall paintings of every culture and religion is to list and make inventories of monuments and sites including wall paintings, even in cases when they are not presently visible. Laws and regulations for the protection of cultural heritage must prohibit the destruction, the degradation or alteration of wall paintings, including their surroundings. Legislation should not only provide for the protection of wall paintings, but also make available resources for research, professional treatment and monitoring, and provide for the appreciation of their tangible and intangible values by society.

If interventions are required, these should be carried out with the full knowledge and the consent of the authorities responsible. Legal sanctions should be provided for any violation of such regulations. Legal provisions should also consider new discoveries and their preservation pending formal protection. Regional, urban or architectural development projects, such as the construction of roads, dams, conversion of buildings, etc. affecting wall paintings should not be carried out without an initial impact assessment study and without providing appropriate remedies for their safeguard.

Special efforts must be made through the co-operation of various authorities to accommodate and respect the cult function of religious paintings without compromising their authenticity.

ARTICLE 2: INVESTIGATION

All conservation projects should begin with substantial scholarly investigations. The aim of such investigations is to find out as much as possible about the fabric of the structure and its superimposed layers with their historical, aesthetic and technical dimensions. This should encompass all material and incorporeal values of the painting, including historic alterations, additions and restorations. This calls for an interdisciplinary approach.

The methods of investigation should be as far as possible non-destructive. Special consideration should be given to wall paintings that may be hidden under whitewash, paint layers, plaster, etc. Prerequisites for any conservation program are the scientific investigation of decay mechanisms on macro and micro scale, the material analysis and the diagnosis of the condition.

ARTICLE 3: DOCUMENTATION

In agreement with the Venice Charter, the conservation-restoration of wall paintings must be accompanied by a precise program of documentation in the form of an analytical and critical report, illustrated with drawings, copies, photographs, mapping, etc. The condition of the paintings, the technical and formal features pertaining to the process of the creation and the history of the object must be recorded. Furthermore, every stage of the conservation-restoration, materials and methodology used should be documented. This report should be placed in the archives of a public institution and made available to the interested public. Copies of such documentation should also be kept in situ, or in the possession of those responsible for the monument. It is also recommended that the results of the work should be published. This documentation should consider definable units of area in terms of such investigations, diagnosis and treatment. Traditional methods of written and graphic documentation can be supplemented by digital methods. However, regardless of the technique, the permanence of the records and the future availability of the documentation is of utmost importance.

ARTICLE 4: PREVENTIVE CONSERVATION, MAINTENANCE AND SITE MANAGEMENT

The aim of preventive conservation is to create favourable conditions minimising decay, and to avoid unnecessary remedial treatments, thus prolonging the life span of wall paintings. Appropriate monitoring and the control of the environment are both essential components of preventive conservation. Inappropriate climatic conditions and moisture problems can cause deterioration and biological attacks. Monitoring can detect initial processes of decay of the painting or the supporting structure, thus preventing further damage. Deformation and structural failure leading even to possible collapse of the supporting structure, can be recognised at an early stage. Regular maintenance of the building or the structure is the best guarantee for the safeguard of the wall paintings.

Inappropriate or uncontrolled public uses of monuments and sites with wall paintings can lead to their damage. This may necessitate the limitation of visitors and, in certain cases, involve temporary closure to public access. However, it is preferable that the public should have the opportunity to experience and appreciate wall paintings as being part of the common cultural heritage. It is, therefore, important to incorporate into the site management careful planning of access and use, preserving, as far as possible, the authentic tangible and intangible values of the monuments and sites.

Due to various sociological, ideological and economical reasons many wall paintings, often situated in isolated locations, become the victims of vandalism and theft. In these cases, the responsible authorities should take special preventive measures.

ARTICLE 5: CONSERVATION-RESTORATION TREATMENTS

Wall paintings are an integral part of the building or structure. Therefore, their conservation should be considered together with the fabric of the architectural entity and surroundings. Any intervention in the monument must take into account the specific characteristics of wall paintings and the terms of their preservation. All interventions, such as consolidation, cleaning and reintegration, should be kept at a necessary minimal level to avoid any reduction of material and pictorial authenticity. Whenever possible, samples of stratigraphic layers testifying to the history of the paintings should be preserved, preferably in situ.

Natural ageing is a testimony to the trace of time and should be respected. Irreversible chemical and physical transformations are to be preserved if their removal is harmful. Previous restorations, additions and over-painting are part of the history of the wall painting. These should be regarded as witnesses of past interpretations and evaluated critically.

All methods and materials used in conservation and restoration of wall paintings should take into account the possibility of future treatments. The use of new materials and methods must be based on comprehensive scientific data and positive results of testing in laboratories as well as on sites. However, it must be kept in mind that the long term effects of new materials and methods on wall paintings are unknown and could be harmful. Therefore, the use of traditional materials, if compatible with the components of the painting and the surrounding structure, should be encouraged.

The aim of restoration is to improve the legibility of form and content of the wall painting, while respecting the original creation and its history. Aesthetic reintegration contributes to minimising the visibility of damage and should primarily be carried out on non-original material. Retouching and reconstructions should be carried out in a way that is discernible from the original. All additions should be easily removable. Over-painting must be avoided.

Uncovering of wall paintings requires the respect of the historic situation and the evaluation of what might be lost. This operation should be executed only after preliminary investigations of their condition, extent and value, and when this is possible without incurring damage. The newly uncovered paintings should not be exposed to unfavourable conditions.

In some cases, reconstruction of decorative wall paintings or coloured architectural surfaces can be a part of a conservation-restoration program. This entails the conservation of the authentic fragments, and may necessitate their complete or partial covering with protective layers. A well-documented and professionally executed reconstruction using traditional materials and techniques can bear witness to the historic appearances of facades and interiors.

Competent direction of conservation-restoration projects should be maintained at all stages and have the approval of the relevant authorities. It would be desirable that independent supervision of the project were insured by competent authorities or institutions without commercial interest in the outcome. Those responsible for management decisions must be

named, and the work must be implemented by professionals with appropriate knowledge and skills.

ARTICLE 6: EMERGENCY MEASURES

In urgent cases, immediate emergency treatment is necessary for the safeguard of wall paintings. Materials and techniques employed must permit later treatment. Appropriate conservation measures must follow as soon as possible with the permission of the relevant authorities.

Detachment and transfer are dangerous, drastic and irreversible operations that severely affect the physical composition, material structure and aesthetic characteristics of wall paintings. These operations are, therefore, only justifiable in extreme cases when all options of in situ treatment are not viable. Should such situations occur, decisions involving detachment and transfer should always be taken by a team of professionals, rather than by the individual who is carrying out the conservation work. Detached paintings should be replaced in their original location whenever possible.

Special measures should be taken for the protection and maintenance of detached paintings, and for the prevention of their theft and dispersion.

The application of a covering layer concealing an existing decoration, carried out with the intention of preventing damage or destruction by exposure to an inhospitable environment, should be executed with materials compatible with the wall painting, and in a way that will permit future uncovering.

ARTICLE 7: RESEARCH AND PUBLIC INFORMATION

The establishment of research projects in the field of conservation-restoration of wall paintings is an essential requisite of sustainable preservation policy. Investigations based on research questions, which have potential to add to the knowledge of degradation processes should be encouraged. Research that will expand our knowledge of the original painting techniques, as well as materials and methods of past restoration practices are essential in the implementation of appropriate conservation projects. This research is also relevant to related disciplines of the arts and sciences. The disturbance of significant fabric for study, or to obtain samples, should be minimised.

Dissemination of knowledge is an important feature of research, and should be done on both the professional and popular levels. Public information can substantially advance awareness of the need for preservation of wall paintings, even if conservation-restoration work may cause temporary inconveniences.

ARTICLE 8: PROFESSIONAL QUALIFICATIONS AND TRAINING

Conservation-restoration of wall paintings is a specialised discipline in the field of heritage preservation. As this work requires specific knowledge, skills, experience and responsibility, conservators-restorers of this kind of cultural property should be professionally educated and trained, as recommended by the Code of Ethics of the ICOM-Committee of Conservation (1984) and by associations such as E.C.C.O. (European Confederation of Conservator-Restorers' Organisations) and ENCORE (European Network for Conservation-Restoration Education).

ARTICLE 9: TRADITIONS OF RENEWAL

In many regions of the world, the authentic painting practices of artists and craftsmen are continued by repeating historic decorative and iconographic programs using traditional materials and techniques. These traditions, satisfying religio-cultural needs and keeping to the Nara principles, should be sustained. However, as important as it is to preserve this special knowledge, this does not imply that the conservation-restoration treatments of wall paintings are to be carried out by craftsmen or artists.

ARTICLE 10: INTERNATIONAL CO-OPERATION

Sharing the care for common heritage is nationally and internationally an accepted concept. It is therefore necessary to encourage the exchange of knowledge and to disseminate information at every level. In the spirit of interdisciplinary collaboration, conservators-restorers of wall paintings need to liaise with their colleagues in other countries and with relevant institutions and specialists around the world.

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GUIDELINES ON EDUCATION AND TRAINING IN THE CONSERVATION OF MONUMENTS, ENSEMBLES AND SITES (1993)

The General Assembly of the International Council on Monuments and Sites, ICOMOS, meeting in Colombo, Sri Lanka, at its tenth session from July 30 to August 7, 1993;

Considering the breadth of the heritage encompassed within the concept of monuments, ensembles and sites;

Considering the great variety of actions and treatments required for the conservation of these heritage resources, and the necessity of a common discipline for their guidance;

Recognizing that many different professions need to collaborate within the common discipline of conservation in the process and require proper education and training in order to guarantee good communication and coordinated action in conservation;

Noting the Venice Charter and related ICOMOS doctrine, and the need to provide a reference for the institutions and bodies involved in developing training programs, and to assist in defining and building up appropriate standards and criteria suitable to meet the specific cultural and technical requirements in each community or region;

Adopts the following guidelines, and Recommends that they be diffused for the information of appropriate institutions, organizations and authorities.

AIM OF THE GUIDELINES

1. The aim of this document is to promote the establishment of standards and guidelines for education and training in the conservation of monuments, groups of buildings ("ensembles") and sites defined as cultural heritage by the World Heritage Convention of 1972. They include historic buildings, historic areas and towns, archaeological sites, and the contents therein, as well as historic and cultural landscapes. Their conservation is now, and will continue to be a matter of urgency.

CONSERVATION

- **2.** Conservation of cultural heritage is now recognized as resting within the general field of environmental and cultural development. Sustainable management strategies for change which respect cultural heritage require the integration of conservation attitudes with contemporary economic and social goals including tourism.
- **3.** The object of conservation is to prolong the life of cultural heritage and, if possible, to clarify the artistic and historical messages therein without the loss of authenticity and meaning. Conservation is a cultural, artistic, technical and craft activity based on humanistic and scientific studies and systematic research. Conservation must respect the cultural context.

EDUCATIONAL AND TRAINING PROGRAMS AND COURSES

4. There is a need to develop a holistic approach to our heritage on the basis of cultural pluralism and diversity, respected by professionals, craftspersons and administrators. Conservation requires the ability to observe, analyze and synthesize. The conservationist should have a flexible yet pragmatic approach based on cultural consciousness which should penetrate all practical work, proper education and training, sound judgment and a sense of

proportion with an understanding of the community's needs. Many professional and craft skills are involved in this interdisciplinary activity.

- **5.** Conservation works should only be entrusted to persons competent in these specialist activities. Education and training for conservation should produce from a range of professionals, conservationists who are able to:
- **a)** read a monument, ensemble or site and identify its emotional, cultural and use significance;
- **b)** understand the history and technology of monuments, ensembles or sites in order to define their identity, plan for their conservation, and interpret the results of this research;
- **c)** understand the setting of a monument, ensemble or site, their contents and surroundings, in relation to other buildings, gardens or landscapes;
- **d)** find and absorb all available sources of information relevant to the monument, ensemble or site being studied;
- **e)** understand and analyze the behavior of monuments, ensembles and sites as complex systems;
- **f)** diagnose intrinsic and extrinsic causes of decay as a basis for appropriate action;
- **g)** inspect and make reports intelligible to non-specialist readers of monuments, ensembles or sites, illustrated by graphic means such as sketches and photographs;
- **h)** know, understand and apply UNESCO conventions and recommendations, and ICOMOS and other recognized Charters, regulations and guidelines;
- **i)** make balanced judgments based on shared ethical principles, and accept responsibility for the long-term welfare of cultural heritage;
- **j)** recognize when advice must be sought and define the areas of need of study by different specialists, e.g. wall paintings, sculpture and objects of artistic and historical value, and/or studies of materials and systems;
- **k)** give expert advice on maintenance strategies, management policies and the policy framework for environmental protection and preservation of monuments and their contents, and sites;
 - I) document works executed and make same accessible.
 - m) work in multi-disciplinary groups using sound methods;
- **n)** be able to work with inhabitants, administrators and planners to resolve conflicts and to develop conservation strategies appropriate to local needs, abilities and resources;

AIMS OF COURSES

- **6.** There is a need to impart knowledge of conservation attitudes and approaches to all those who may have a direct or indirect impact on cultural property.
- **7.** The practice of conservation is interdisciplinary; it therefore follows that courses should also be multidisciplinary. Professionals, including academics and specialized craftspersons, who have already received their normal qualification will need further training in order to become *conservationists*; equally those who seek to act competently in historic environment.
- **8.** Conservationists should ensure that all artisans and staff working on a monument, ensemble or site respect its significance.
- **9.** Training in disaster preparedness and in methods of mitigating damage to cultural property, by strengthening and improving fire prevention and other security measures, should be included in courses.

10. Traditional crafts are a valuable cultural resource. Craftspersons, already with high level manual skills, should be further trained for conservation work with instruction in the history of their craft, historic details and practices, and the theory of conservation with the need for documentation. Many historic skills will have to be recorded and revived.

ORGANIZATION OF EDUCATION AND TRAINING

- **11.** Many satisfactory methods of achieving the required education and training are possible. Variations will depend on traditions and legislation, as well as on administrative and economic context of each cultural region. The active exchange of ideas and opinions on new approaches to education and training between national institutes and at international levels should be encouraged. Collaborative network of individuals and institutions is essential to the success of this exchange.
- **12.** Education and sensitization for conservation should begin in schools and continue in universities and beyond. These institutions have an important role in raising visual and cultural awareness improving ability to read and understand the elements of our cultural heritage and giving the cultural preparation needed by candidates for specialist education and training. Practical hands-on training in craft work should be encouraged.
- **13.** Courses for continuing professional development can enlarge on the initial education and training of professionals. Long-term, part-time courses are a valuable method for advanced teaching, and useful in major population centers. Short courses can enlarge attitudes, but cannot teach skills or impart profound understanding of conservation. They can help introduce concepts and techniques of conservation in the management of the built and natural environment and the objects within it.
- **14.** Participants in specialist courses should be of a high caliber normally having had appropriate education and training and practical working experience. Specialist courses should be multi-disciplinary with core subjects for all participants, and optional subjects to extend capacities and/or to fill the gaps in previous education and training. To complete the education and training of a conservationist an internship is recommended to give practical experience.
- **15.** Every country or regional group should be encouraged to develop at least one comprehensively organized institute giving education and training and specialist courses. It may take decades to establish a fully competent conservation service. Special short-term measures may therefore be required, including the grafting of new initiatives onto existing programs in order to lead to fully developed new programs. National, regional and international exchange of teachers, experts and students should be encouraged. Regular evaluation of conservation training programs by peers is a necessity.

RESOURCES

- **16.** Resources needed for specialist courses may include e.g.:
- **a)** an adequate number of participants of required level ideally in the range of 15 to 25;
 - **b)** a full-time co-ordinator with sufficient administrative support;
- **c)** instructors with sound theoretical knowledge and practical experience in conservation and teaching ability;
- **d)** fully equipped facilities including lecture space with audio-visual equipment, video, etc., studios, laboratories, workshops, seminar rooms, and staff offices;
- **e)** library and documentation center providing reference collections, facilities for coordinated research, and access to computerized information networks;
 - f) a range of monuments, ensembles and sites within a reasonable radius.
- **17.** Conservation depends upon documentation adequate for understanding of monuments, ensembles or sites and their respective settings. Each country should have an

institute for research and archive for recording its cultural heritage and all conservation works related thereto. The course should work within the archive responsibilities identified at the national level.

18. Funding for teaching fees and subsistence may need special arrangements for mid-career participants as they may already have personal responsibilities.

THE NARA DOCUMENT ON AUTHENTICITY (1994)

PREAMBLE

- 1. We, the experts assembled in Nara (Japan), wish to acknowledge the generous spirit and intellectual courage of the Japanese authorities in providing a timely forum in which we could challenge conventional thinking in the conservation field, and debate ways and means of broadening our horizons to bring greater respect for cultural and heritage diversity to conservation practice.
- **2.** We also wish to acknowledge the value of the framework for discussion provided by the World Heritage Committee's desire to apply the test of authenticity in ways which accord full respect to the social and cultural values of all societies, in examining the outstanding universal value of cultural properties proposed for the World Heritage List.
- **3.** The Nara Document on Authenticity is conceived in the spirit of the Charter of Venice, 1964, and builds on it and extends it in response to the expanding scope of cultural heritage concerns and interests in our contemporary world.
- **4.** In a world that is increasingly subject to the forces of globalization and homogenization, and in a world in which the search for cultural identity is sometimes pursued through aggressive nationalism and the suppression of the cultures of minorities, the essential contribution made by the consideration of authenticity in conservation practice is to clarify and illuminate the collective memory of humanity.

CULTURAL DIVERSITY AND HERITAGE DIVERSITY

- **5.** The diversity of cultures and heritage in our world is an irreplaceable source of spiritual and intellectual richness for all humankind. The protection and enhancement of cultural and heritage diversity in our world should be actively promoted as an essential aspect of human development.
- **6.** Cultural heritage diversity exists in time and space, and demands respect for other cultures and all aspects of their belief systems. In cases where cultural values appear to be in conflict, respect for cultural diversity demands acknowledgment of the legitimacy of the cultural values of all parties.
- **7.** All cultures and societies are rooted in the particular forms and means of tangible and intangible expression which constitute their heritage, and these should be respected.
- **8.** It is important to underline a fundamental principle of UNESCO, to the effect that the cultural heritage of each is the cultural heritage of all. Responsibility for cultural heritage and the management of it belongs, in the first place, to the cultural community that has generated it, and subsequently to that which cares for it. However, in addition to these responsibilities, adherence to the international charters and conventions developed for conservation of cultural heritage also obliges consideration of the principles and responsibilities flowing from them. Balancing their own requirements with those of other cultural communities is, for each community, highly desirable, provided achieving this balance does not undermine their fundamental cultural values.

VALUES AND AUTHENTICITY

9. Conservation of cultural heritage in all its forms and historical periods is rooted in the values attributed to the heritage. Our ability to understand these values depends, in part, on the degree to which information sources about these values may be understood as credible or

truthful. Knowledge and understanding of these sources of information, in relation to original and subsequent characteristics of the cultural heritage, and their meaning, is a requisite basis for assessing all aspects of authenticity.

- **10.** Authenticity, considered in this way and affirmed in the Charter of Venice, appears as the essential qualifying factor concerning values. The understanding of authenticity plays a fundamental role in all scientific studies of the cultural heritage, in conservation and restoration planning, as well as within the inscription procedures used for the World Heritage Convention and other cultural heritage inventories.
- **11.** All judgements about values attributed to cultural properties as well as the credibility of related information sources may differ from culture to culture, and even within the same culture. It is thus not possible to base judgements of values and authenticity within fixed criteria. On the contrary, the respect due to all cultures requires that heritage properties must be considered and judged within the cultural contexts to which they belong.
- **12.** Therefore, it is of the highest importance and urgency that, within each culture, recognition be accorded to the specific nature of its heritage values and the credibility and truthfulness of related information sources.
- **13.** Depending on the nature of the cultural heritage, its cultural context, and its evolution through time, authenticity judgements may be linked to the worth of a great variety of sources of information. Aspects of the sources may include form and design, materials and substance, use and function, traditions and techniques, location and setting, and spirit and feeling, and other internal and external factors. The use of these sources permits elaboration of the specific artistic, historic, social, and scientific dimensions of the cultural heritage being examined.

APPENDIX 1

Suggestions for follow-up (proposed by H. Stovel)

- **1.** Respect for cultural and heritage diversity requires conscious efforts to avoid imposing mechanistic formulae or standardized procedures in attempting to define or determine authenticity of particular monuments and sites.
- **2.** Efforts to determine authenticity in a manner respectful of cultures and heritage diversity requires approaches which encourage cultures to develop analytical processes and tools specific to their nature and needs. Such approaches may have several aspects in common:
- efforts to ensure assessment of authenticity involve multidisciplinary collaboration and the appropriate utilization of all available expertise and knowledge;
- efforts to ensure attributed values are truly representative of a culture and the diversity of its interests, in particular monuments and sites;
- efforts to document clearly the particular nature of authenticity for monuments and sites as a practical guide to future treatment and monitoring;
- efforts to update authenticity assessments in light of changing values and circumstances.
- **3.** Particularly important are efforts to ensure that attributed values are respected, and that their determination includes efforts to build, as far as possible, a multidisciplinary and community consensus concerning these values.
- **4.** Approaches should also build on and facilitate international co-operation among all those with an interest in conservation of cultural heritage, in order to improve global respect and understanding for the diverse expressions and values of each culture.
- **5.** Continuation and extension of this dialogue to the various regions and cultures of the world is a prerequisite to increasing the practical value of consideration of authenticity in the conservation of the common heritage of humankind.

6. Increasing awareness within the public of this fundamental dimension of heritage is an absolute necessity in order to arrive at concrete measures for safeguarding the vestiges of the past. This means developing greater understanding of the values represented by the cultural properties themselves, as well as respecting the role such monuments and sites play in contemporary society.

APPENDIX 2

Definitions

Conservation: all efforts designed to understand cultural heritage, know its history and meaning, ensure its material safeguard and, as required, its presentation, restoration and enhancement. (Cultural heritage is understood to include monuments, groups of buildings and sites of cultural value as defined in article one of the World Heritage Convention).

Information sources: all material, written, oral and figurative sources which make it possible to know the nature, specifications, meaning and history of the cultural heritage.

The Nara Document on Authenticity was drafted by the 45 participants at the Nara Conference on Authenticity in Relation to the World Heritage Convention, held at Nara, Japan, from 1-6 November 1994, at the invitation of the Agency for Cultural Affairs (Government of Japan) and the Nara Prefecture. The Agency organized the Nara Conference in cooperation with UNESCO, ICCROM and ICOMOS.

This final version of the Nara Document has been edited by the general rapporteurs of the Nara Conference, Mr. Raymond Lemaire and Mr. Herb Stovel.

PRINCIPLES FOR THE RECORDING OF MONUMENTS, GROUPS OF BUILDINGS AND SITES (1996)

Ratified by the 11th ICOMOS General Assembly in Sofia, October 1996.

As the cultural heritage is a unique expression of human achievement; and

As this cultural heritage is continuously at risk; and

As recording is one of the principal ways available to give meaning, understanding, definition and recognition of the values of the cultural heritage; and

As the responsibility for conserving and maintaining the cultural heritage rests not only with the owners but also with conservation specialists and the professionals, managers, politicians and administrators working at all levels of government, and with the public; and

As article 16 of the Charter of Venice requires, it is essential that responsible organisations and individuals record the nature of the cultural heritage.

The purpose of this document is therefore to set out the principal reasons, responsibilities, planning measures, contents, management and sharing considerations for the recording of the cultural heritage.

DEFINITIONS OF WORDS USED IN THIS DOCUMENT:

Cultural Heritage refers to monuments, groups of buildings and sites of heritage value, constituting the historic or built environment.

Recording is the capture of information which describes the physical configuration, condition and use of monuments, groups of buildings and sites, at points in time, and it is an essential part of the conservation process.

Records of monuments, groups of buildings and sites may include tangible as well as intangible evidence, and constitute a part of the documentation that can contribute to an understanding of the heritage and its related values.

THE REASONS FOR RECORDING

- **1.** The recording of the cultural heritage is essential:
- **a)** To acquire knowledge in order to advance the understanding of cultural heritage, its values and its evolution;
- **b)** To promote the interest and involvement of the people in the preservation of the heritage through the dissemination of recorded information;
- **c)** To permit informed management and control of construction works and of all change to the cultural heritage;
- **d)** To ensure that the maintenance and conservation of the heritage is sensitive to its physical form, its materials, construction, and its historical and cultural significance.
 - 2. Recording should be undertaken to an appropriate level of detail in order to:
- **a)** Provide information for the process of identification, understanding, interpretation and presentation of the heritage, and to promote the involvement of the public;

- **b)** Provide a permanent record of all monuments, groups of buildings and sites that are to be destroyed or altered in any way, or where at risk from natural events or human activities;
- **c)** Provide information for administrators and planners at national, regional or local levels to make sensitive planning and development control policies and decisions;
- **d)** Provide information upon which appropriate and sustainable use may be identified, and the effective research, management, maintenance programmes and construction works may be planned.
- **3.** Recording of the cultural heritage should be seen as a priority, and should be undertaken especially:
 - a) When compiling a national, regional, or local inventory;
 - **b)** As a fully integrated part of research and conservation activity;
- **c)** Before, during and after any works of repair, alteration, or other intervention, and when evidence of its history is revealed during such works;
- **d)** When total or partial demolition, destruction, abandonment or relocation is contemplated, or where the heritage is at risk of damage from human or natural external forces;
- **e)** During or following accidental or unforeseen disturbance which damages the cultural heritage;
 - f) When change of use or responsibility for management or control occurs.

RESPONSIBILITY FOR RECORDING

- **1.** The commitment at the national level to conserve the heritage requires an equal commitment towards the recording process.
- **2.** The complexity of the recording and interpretation processes requires the deployment of individuals with adequate skill, knowledge and awareness for the associated tasks. It may be necessary to initiate training programmes to achieve this.
- **3.** Typically the recording process may involve skilled individuals working in collaboration, such as specialist heritage recorders, surveyors, conservators, architects, engineers, researchers, architectural historians, archaeologists above and below ground, and other specialist advisors.
- **4.** All managers of cultural heritage are responsible for ensuring the adequate recording, quality and updating of the records.

PLANNING FOR RECORDING

- **1.** Before new records are prepared, existing sources of information should be found and examined for their adequacy.
- **a)** The type of records containing such information should be searched for in surveys, drawings, photographs, published and unpublished accounts and descriptions, and related documents pertaining to the origins and history of the building, group of buildings or site. It is important to search out recent as well as old records;
- **b)** Existing records should be searched for in locations such as national and local public archives, in professional, institutional or private archives, inventories and collections, in libraries or museums;
- **c)** Records should be searched for through consultation with individuals and organisations who have owned, occupied, recorded, constructed, conserved, or carried out research into or who have knowledge of the building, group of buildings or site.
- **2.** Arising out of the analysis above, selection of the appropriate scope, level and methods of recording requires that:

- **a)** The methods of recording and type of documentation produced should be appropriate to the nature of the heritage, the purposes of the record, the cultural context, and the funding or other resources available. Limitations of such resources may require a phased approach to recording. Such methods might include written descriptions and analyses, photographs (aerial or terrestrial), rectified photography, photogrammetry, geophysical survey, maps, measured plans, drawings and sketches, replicas or other traditional and modern technologies;
- **b)** Recording methodologies should, wherever possible, use non-intrusive techniques, and should not cause damage to the object being recorded;
- **c)** The rationale for the intended scope and the recording method should be clearly stated;
 - d) The materials used for compiling the finished record must be archivally stable.

CONTENT OF RECORDS

- **1.** Any record should be identified by:
 - a) The name of the building, group of buildings or
 - b) A unique reference number;
 - c) The date of compilation of the record;
 - **d)** The name of the recording organisation;
- **e)** Cross-references to related building records and reports, photographic, graphic, textual or bibliographic documentation, archaeological and environmental records.
- **2.** The location and extent of the monument, group of buildings or site must be given accurately this may be achieved by description, maps, plans or aerial photographs. In rural areas a map reference or triangulation to known points may be the only methods available. In urban areas an address or street reference may be sufficient.
- **3.** New records should note the sources of all information not obtained directly from the monument, group of buildings or site itself.
 - **4.** Records should include some or all of the following information:
 - a) The type, form and dimensions of the building, monument or site;
- **b)** The interior and exterior characteristics, as appropriate, of the monument, group of buildings or site;
- **c)** The nature, quality, cultural, artistic and scientific significance of the heritage and its components and the cultural, artistic and scientific significance of:
 - the materials, constituent parts and construction, decoration, ornament or inscriptions
 - · services, fittings and machinery,
 - ancillary structures, the gardens, landscape and the cultural, topographical and natural features of the site;
- **d)** The traditional and modern technology and skills used in construction and maintenance:
- **e)** Evidence to establish the date of origin, authorship, ownership, the original design, extent, use and decoration;
- **f)** Evidence to establish the subsequent history of its uses, associated events, structural or decorative alterations, and the impact of human or natural external forces;
 - **g)** The history of management, maintenance and repairs;
 - h) Representative elements or samples of construction or site materials;
 - i) An assessment of the current condition of the heritage;

- **j)** An assessment of the visual and functional relationship between the heritage and its setting;
- **k)** An assessment of the conflicts and risks from human or natural causes, and from environmental pollution or adjacent land uses.
- **5.** In considering the different reasons for recording (see Section 1.2 above) different levels of detail will be required. All the above information, even if briefly stated, provides important data for local planning and building control and management. Information in greater detail is generally required for the site or building owner's, manager's or user's purposes for conservation, maintenance and use.

MANAGEMENT, DISSEMINATION AND SHARING OF RECORDS

- **1.** The original records should be preserved in a safe archive, and the archive's environment must ensure permanence of the information and freedom from decay to recognised international standards.
- **2.** A complete back-up copy of such records should be stored in a separate safe location.
- **3.** Copies of such records should be accessible to the statutory authorities, to concerned professionals and to the public, where appropriate, for the purposes of research, development controls and other administrative and legal processes.
- **4.** Up-dated records should be readily available, if possible on the site, for the purposes of research on the heritage, management, maintenance and disaster relief.
- **5.** The format of the records should be standardised, and records should be indexed wherever possible to facilitate the exchange and retrieval of information at a local, national or international level.
- **6.** The effective assembly, management and distribution of recorded information requires, wherever possible, the understanding and the appropriate use of up-to-date information technology.
 - **7.** The location of the records should be made public.
- **8.** A report of the main results of any recording should be disseminated and published, when appropriate.

DECLARATION OF ICOMOS MARKING THE 50TH ANNIVERSARY OF THE UNIVERSAL DECLARATION OF HUMAN RIGHTS

Meeting in Stockholm, ICOMOS wishes to underline the importance of the Universal Declaration of Human Rights, celebrating its 50th anniversary in 1998, in particular its recognition of the right of everyone to partake freely in the cultural life of the community.

In addition to the importance of specific conventions or legislation relating to cultural heritage and its preservation, ICOMOS affirms that the right to cultural heritage is an integral part of human rights considering the irreplaceable nature of the tangible and intangible legacy it constitutes, and that it is threatened to in a world which is in constant transformation. This right carries duties and responsibilities for individuals and communities as well as for institutions and states. To protect this right today is to preserve the rights of future generations.

- The right to have the authentic testimony of cultural heritage, respected as an expression of one's cultural identity within the human family;
- The right to better understand one's heritage and that of others;
- The right to wise and appropriate use of heritage;
- The right to participate in decisions affecting heritage and the cultural values it embodies;
- The right to form associations for the protection and promotion of cultural heritage.

These are rights ICOMOS believes must be respected in order to preserve and enrich World's cultural diversity.

These rights assume the need to recognize, appreciate and maintain heritage, and to improve and respect a framework for action. They assume appropriate development strategies and an equitable partnership between society, the private sector and individuals to harmonize interests affecting cultural heritage, and to reconcile preservation with development. In the spirit that animates such statements, they call for international co-operation in the conventions, legislation and other statutory measures.

These are responsibilities that all - individually and collectively - must share just as all share the wealth of the memory, in the search for a sustainable development at the service of Mankind.

Stockholm, September 11th, 1998