

Russian Federation

(198)

UNITWIN/UNESCO Chairs Programme

Progress Report

Period of activity: 2005

UNESCO Chair in Urban and Architectural Conservation

Host institution: State Historical Museum

Report established by: Prof. Igor Makovetskiy, Chairholder

I. Activities

1. Academic activities

Title: **National training workshop for site managers of the World Heritage “The finalization of the Section II of Periodic reporting of the RF”.**

Expected results: preparation of the final version of the Periodic reports of the RF taken into account the remarks of the consultants of the UNESCO Chair.

Duration: April 26-27 2005 year

Target groups: Site-managers or their representatives from the World Heritage cultural properties: Kremlin and Red Square (Vorotnikov J.); Historic centre of Saint Petersburg and related groups of monuments (Nosovich T.); Kizhi Pogost (Lubimtzev A.); Historic monuments of Novgorod and surrounding (Gourkina L.); Cultural and historic ensemble of the Solovetsky islands (Petrovskaya L.); Whit monuments of Vladimir and Suzdal (Kozlova T.); Architectural ensemble of the Trinity Sergius Lavra in Sergiev Possad (Karpacheva N.); Church of the Ascension / Kolomenskoye (Dobrovskaya T.).

Partnership: Russian National Committee for World Heritage; Scientific and Designing Institute of the Reconstruction of the Historic Towns, Moscow; Moscow Architectural Institute;

Moscow University of Civil Engineering; Moscow Committee of Monument Conservation;

Outputs: Finalization of the Section II of the Periodic reports of 8 World Heritage sites to be prepared.

Title: **Training workshop in Tobolsk city: Application of “MIGRASTOP” for water proofing of the foundation and of the walls of the Cathedral St-Sofia, the Cathedral Znamenskiy (Tumen).**

Duration: May 17-18 2005 year, Tobolsk

Target groups: Engineers and technicians of the restoration firm “Sybirskiy zodchi”, 10 specialists

Partnerships: Society SARL “Chatelet”, Saint-Ouen, France; Moscow Architectural Institute; Moscow University of Civil Engineering;

Geographical coverage for partners and participants: Visiting professor C. Gosselin (France), professors: Kniyazeva T., Polikarov I., Kholshchikov V., Makovetsky I. (Moscow), Cheloudko G. (Yaroslavl).

Title: **International post-graduate training courses: “Modern scientific and technological achievements improving risk preparedness and conservation of immovable cultural heritage in case of natural disasters”.**

Expected results: Training of the specialists to work for risk-preparedness of the cultural monuments in case of natural disasters and at the monuments damaged by natural disasters.

Duration: 21 November – 30 December 2005 year, 10 working days (Moscow)

Target groups: engineers of building construction, architects and specialists having a diploma of higher education with work experience of no less of 5 years in the field of protection and conservation of immovable cultural heritage. Applicants must have an experience of management organization and execution of works in the field of building construction, running of diagnostic of the technical state of building, participate at the project designing and execution of general repair-building works and also works to consolidate of bearing capacity of separate construction and the whole building. Applicants must have an experience to work at immovable national monuments of different categories taken into account the conservation of criteria of their significance and their authenticity. It is desirable if the specialists have an experience to execute the repair-building and restoration works at the World Heritage cultural properties having knowledge about the UNESCO documentation on the conservation of the World Heritage.

Partnerships

- Research and Design Institute for Reconstruction of Historical Towns, Moscow;
- Moscow State University of Environmental Engineering, Moscow;
- Moscow Architectural Institute;
- Specialized company “Kreal”, Moscow;
- Russian Academy of Arts, Sculpture and Architectonics, Moscow;
- State Emergency Research Institute, Moscow;
- Ministry of Emergency Cases of the RF, Moscow;
- Moscow State University of Civil Engineering, Moscow;
- Institute “Spezproektrestavrazia”, Moscow;
- Moscow Committee for cultural heritage preservation, Moscow.

Geographical coverage for partners and participants: Partners from Moscow, Russia

Participants: Azerbaijan – 1, Armenia – 1, Belarus – 1, Bulgaria – 1, Georgia – 1, Macedonia – 1, Moldova – 1, Russia – 3, Slovak Republic – 1, Ukraine – 1.

Outputs: The participants have been informed on the particular aspects of safeguarding of the immovable cultural heritage in case of natural disasters taken into account the essential phases: preparedness, response, recovery. Special attention was attracted to earthquakes and flooding. The trained specialists must act as focal point of services for monument safeguarding.

The participants of this course have received the appropriate certificate signed by the Chair holder prof. I. Makovetskiy and Director of the UNESCO Venice Office Dr. H. Moore: “This is to certify that Mr/Ms... has taken the complete training programme of the international postgraduate course “Modern scientific and technological achievements improving risk preparedness and conservation of immovable cultural heritage in case of natural disasters” in Moscow, Russia (November 21 – December 3, 2005).

Title: **Training workshop for the Russian site-managers of the cultural World Heritage: “Preservation of the World Heritage cultural properties in Russia in accordance with the World Heritage Convention (1972) and the Federal law No 73-Φ3, 25.06.02 “About the objects of cultural heritage (historical and cultural monuments) of the Russian Federation’s people”.**

Expected results: Regulation documents of this Federal law will be elaborated before 31.12.2010 year and until this date documents of the old law are in force (approved 29.10.76). The site-managers will be informed in details on the positions of the Convention and of the Guidelines for its application concerning the preservation of the World Heritage cultural sites located at the territory of the RF.

Duration: May 25-26 2005 year, Moscow

Target groups: Site-managers of the cultural World Heritage: Moscow – 5, St-Petersburg, Veliky Novgorod, Archangelsk, Petrosavodsk, Vladimir and Suzdal, Derbent (total – 11 specialists).

Partnership

- Cultural Committee of Duma, Moscow;
- Moscow Committee of Monument Protection, Moscow;
- National Commission for UNESCO, Moscow;
- Ministry of Culture of the RF, Moscow.

Participants – site-managers or their representatives of the above-mentioned World Heritage sites in Russia.

Partners – Moscow, Russia.

Outputs: The participants of the training workshop were informed on the fields of the Convention application taken into account the Federal law No 73-Φ3 from 25.06.02.

Research

Title: **Monitoring of the water-levels around the Cathedral Smolenskiy of the Novodevitchy Convent and water-infiltration into foundations and walls of the Cathedral Smolenskiy.**

Duration: April - November 2005 year.

Target groups: Research sector of the UNESCO Chair.

Chief of group: prof. V. Kniazeva, Moscow Architectural Institute.

Researchers: dr. I. Polikarov, UNESCO Chair, Moscow

dr. V. Kounine, Moscow State University of Civil Engineering

dr. A. Ananieva, UNESCO Chair, Moscow.

Partnerships: Moscow Architectural Institute;

Moscow State University of Civil Engineering;

State Historical Museum, Moscow.

Geographical coverage for partners and participants: Moscow, Russia.

Outputs: Data of monitoring of the water-levels and water-infiltration was taken as information for the future conservation works at the Cathedral Smolenskiy.

Title: **Testing of the application of the water isolation material “MIGRASTOP” at the Cathedral St. Sofia and the Cathedral Znamenskiy in Tobolsk and Tumen.**

Duration: 17-21 October 2005 year (Tobolsk, Tumen).

Target groups: Researchers of the UNESCO Chair.

Head of group: prof. I. Makovetskiy, UNESCO Chair, Moscow.

Members of group: dr. I. Polikarov, G. Sheludko, A Affanassiev, A. Ananieva.

Partnership: Institute of restoration, Tomsk; Society “Sibirskiy zodchi”, Tobolsk

Geographical coverage for partners and participants: Moscow, Tomsk, Tumen, Tobolsk (Russia).

Outputs: The first step of the research investigation in view to determinate the capability of “MIGRASTOP” in the region with an important fluctuation in temperature. The second step of research investigation will be in 2006 after the period of winter.

2.Conferences/Congresses/Meetings

Title: **Meeting “Involving of the public organizations in management and conservation of the World Heritage cultural sites”**

Expected results : Participants of the meeting, site managers and representatives of the State Administration, responsible for management and conservation of the World Heritage will discuss the possibility of creating a Scientific-methodological Council for management and conservation of every World Heritage site in Russia.

Dates and place: 7 December 2005, Moscow, UNESCO Chair conference room.

Partnerships

- National Commission of the RF for UNESCO
- Ministry of Culture of the RF
- Committee for Culture of the Duma
- Committee of the Moscow Government for Culture
- Committee for Culture of the Yaroslavl Administration
- Committee for Culture of the Administration of Vladimir and Suzdal

Participants (*number*)

25 participants

Geographical coverage: Moscow, Yaroslavl, Vladimir and Suzdal.

Funding sources: Organizational fees paid by the UNESCO Chair.

Outputs: The participants agreed in principle with the necessity to create a Council for management and conservation of the World Heritage cultural sites. UNESCO Chair in consultation with Ministry of Culture of the RF must prepare appropriate proposals.

Others

- Restoration of the Novodevitchiy Convent, World Heritage site;
- Conservation works in Uglich;
- Protection works in Tumen, Tobolsk;
- Testing application of new materials in waterproofing (Tumen, Tobolsk, Novodevithciy Convent, Uglich);

- Preparation of the application for inclusion of the historical centre of Yaroslavl on the World Heritage list.

II. Impact

Research

- Taking into account the results of the applied scientific research, recommendations on the application of MIGRASTOP were elaborated.
- On the base of scientific pre-project research at Smolenskiy Cathedral (Moscow), St. Sofia Cathedral (Tobolsk), Znamenskiy Cathedral (Tumen), the projects were elaborated and conservation works executed.

Education

- The first post graduate training course “Modern scientific and technological achievements improving risk preparedness and conservation of immovable cultural heritage in case of natural disasters” (21 November – 3 December 2005 year) was conducted and the UNESCO Chair began to train new specialists in the organization of emergency teams at the State, regional and local levels and to work at cultural monuments for risk preparedness and for stabilization in case of natural disasters;
- Application of new materials and technologies in conservation and restoration of the national and World Heritage cultural monuments, taking into account the UNESCO, ICOMOS and ICCROM regulation documents and normative national documents;
- In accordance of national legislation and UNESCO Convention of 1972 as regulations to manage, conserve and restorer of the World Heritage properties;
- About 150 specialists from Russia, CIS countries, countries of the Europe followed the training courses of different levels and received an information on the management, conservation and restoration of cultural heritage taken into account the positions of the Convention and other regulation documents of UNESCO, ICOMOS, ICCROM;

Information and documentation activities

- Collection, processing and distribution of documentation in Russian language of UNESCO, ICOMOS, ICCROM concerning the World Heritage;
- Preparation booklets on the scientific achievements in the field of World Heritage conservation;
- Site-managers and specialists involved in protection of cultural heritage have last information and documentation on the events and recommendations at the national and international levels about conservation of cultural heritage.

- UNESCO Chair renovates regularly its web-site www.chacon.ru where the specialists could find the last information about the UNESCO Chair activities.

III. Forthcoming activities

3 national workshops (June, August, October);

World Heritage Committee conclusions on the periodic report of the RF, section I and section II and national Action plan for conservation of the World Heritage sites in Russia (June);

Results of the project research in Tumen and Tobolsk and recommendations on the project design (August);

Discussion of the waterproof project of the Cathedral Smolenskiy, Novodevitchiy Convent, October (World Heritage property);

Organisation of regional seminar of European countries “Scientific and technical challenges for the management and conservation of historic centres of towns inscribed on the World Heritage list”;

Organisation of international post-graduate training course “Modern scientific and technological achievement improving risk preparedness and conservation of immovable cultural heritage in case of natural disasters” (if our request has been approved by WHC of UNESCO);

Contribution of the scientific analysis in the conservation and restoration works at Novodevitchiy Convent (during 2006 year);

Restoration and conservation works in Tumen, Tobolsk, Uglich;

Contribution of scientific testing of application of new materials for waterproofing treatments at Novodevitchiy Convent, in Tumen and in Tobolsk;

Collection, processing and distribution, information and documentation of the UNESCO Chair, UNESCO, ICOMOS, ICCROM concerning protection and conservation of cultural heritage.

IV. Development prospects

Finalization of legal status in Russia of the East European Centre for Protection of the World Cultural and Natural Heritage (founders from Armenia, Azerbaijan, Belarus, Georgia, Moldova and Russia).

Fields of the Centre activities:

1. Training of specialists
2. Research activities
3. Elaboration of format for monitoring of cultural heritage
4. Creation of computer network between the Centre founders.

- National, regional and international training courses on the risk preparedness and protection of immovable cultural heritage.
- Implementation of the UNESCO recommendations in sub-regional periodic reports of the CIS countries.
- Research activities concerning the application of new materials and technologies in conservation and restoration of national and world cultural heritage.
- Collection and distribution of information and documentation in the field of management, protection, conservation and restoration of cultural heritage.
- Scientific accompaniment of restoration works.
- Restoration works at the immovable cultural monuments.

Publications

- Collection and processing of new publications and modern scientific achievements in the field of cultural heritage at the national level in Russia;
- Collection and distribution of UNESCO, ICOMOS and ICCROM documentation concerning the management and conservation of the immovable cultural World Heritage;
- Translation into Russian of the most significant international publications and their distribution in Russia;
- Distribution of information on the UNESCO Chair activities in the field of advanced training of specialists;
- Regular updating of the UNESCO Chair web-site: www.chacon.ru
- Translation into Russian of the Sub-regional periodic report on the Convention application, Section I and Section II and distribution among site managers and specialists involved in conservation of the World Heritage sites in Russia.
- The volume “Science and technology for the safeguarding of cultural heritage: Innovation approach to preservation, conservation and restoration of cultural and historical monuments”, in English, 600 copies, 152 pages;
- Periodical edition, 4 per year (1-3 month) “Conservation and restoration”, 60-70 pages, in Russian, 250 copies – 1 edition;
- Booklet “UNESCO Chair in Urban and Architectural Conservation, Activities in 2005 year”, in Russian, 20 pages, 50 copies;

- Booklet “New technologies in restoration”, in 2005 year, edition 1 “Hydro insulation and protection of architectural monuments”, in Russian, 20 pages, 100 copies;
- Edition 2 “New materials for the facades restoration and protection”, in Russian, 20 pages, 100 copies;
- Booklet, translation from French into Russian, edited in 2005 year “Catalogue of the training centres in France working with volunteers to participate at restoration of architectural monuments”, movement “Rempart”, chantiers de bénévoles, 10 pages, 50 copies.

Title: Science and technology for the safeguarding of cultural heritage.

Author(S) under the editorship of prof. I. Makovetskiy

Publisher(s) UNESCO Chair, UNESCO Venice Office

Year 2005

Number of pages 152

Type of doc. Book

Teaching/learning material

Language(s) English

Main keywords (4 or 5): protection, cultural heritage, risk preparedness.

Chapter I: Recent scientific and engineering developments in assessment of the physical state of national and World Heritage cultural monuments.

Chapter II: Modern scientific methods of preservation, conservation and restoration of monuments and appropriate application of new technologies and materials.

Chapter III: Modern scientific achievements in risk preparedness and safeguarding of cultural monuments.

Title: “Conservation and restoration”

Author(S) UNESCO Chair training and research staff.

Publisher(s) UNESCO Chair

Year 2005, 4 editions per year

Number of pages 60 - 70 pages each edition

Type of doc. booklet

Teaching/learning material and scientific.

Language(s) Russian

Main keywords (4 or 5): Management, protection, restoration, cultural heritage.

Edition 1: Heritage of the architect Melnikov K.S.

Edition 2: State report “Conservation of cultural heritage of the peoples of the RF”

Edition 3: ICOMOS – 40 years. Restoration of the Moscow centre: Young people and cultural heritage; Conservation of historical towns.

Edition 4: Management of cultural heritage: World Heritage towns in Europe.

Title: UNESCO Chair in Urban and Architectural Conservation, activities in 2005 year.

Author(S) UNESCO Chair staff.

Publisher(s) UNESCO Chair.

Year 2005

Number of pages 20

Type of doc. information booklet

Teaching/learning material, scientific, practical restoration works.

Language(s) Russian

Main keywords (4 or 5): scientific research, training, restoration, conservation.

Title: New technologies in restoration.

Author(S) UNESCO Chair staff.

Publisher(s) UNESCO Chair in Urban and Architectural Conservation

Year 2005

Number of pages 40 pages

Type of doc: Applied research booklet

Teaching/learning material, practical application of research results.

Language(s) Russian

Main keywords (4 or 5): MIGRASTOP, façade, vertical isolation, protection.

Short abstract: Application of MIGRASTOP 08, MIGRASTOP 40, MIGRASTOP 50.

Bio protection of architectural monuments.

Title: Catalogue of the training centres in France.

Author(S) UNESCO Chair staff.

Publisher(s) UNESCO Chair in Urban and Architectural Conservation

Year 2005

Number of pages: 10 pages

Type of doc. Information booklet

Teaching/learning material: practical restoration

Language(s) Russian

Main keywords (4 or 5): restoration, investigation, conservation, training.