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# WORLD MONUMENTS FUND

October 21, 2001

# Nemrut Dag Project

Republic of Turkey/Ministry of Culture International Nemrud Foundation Turkish Democracy Foundation World Monuments Fund

Restoration and Conservation of the Sculptures on Nemrud Dag Roundtable II: Final Planning and Consensus Session November 15,16, 2001 Amsterdam

The World Heritage Site of Nemrut Dag near Adiyaman in South Eastern Turkey is in need of stone conservation and improved site display measures. The artificial tumulus of Nemrut built atop the highest mountain peak in the region stands as a one of the most unusual creations of man, and is a symbol of the archaeological riches of Turkey.

Through a special concession from the Ministry of Culture of Turkey, the International Nemrut Foundation, INF Inc. has recently embarked on a new initiative to research, conserve and present Nemrut Dag. This development is coincidental with generous financial assistance that is being made available toward conservation actions by the American Express Philanthropic Foundation and Akbank of Turkey. The present AMEX/Akbank grant is meant to support an international collaborative effort involving the best of Turkish and international experts in order to solve the problems at hand. The World Monuments Fund has placed Nemrut Dag on its World Monuments Watch *List of 100 Most Endangered Sites*.

This second roundtable follows last August's Milestone Meeting I where all of the project's stakeholders and invited conservation specialists gathered in Turkey for site orientation tours and a workshop to discuss issues ranging from site management at Nemrut to the current physical conditions and needs of its limestone sculptures and sandstone stele. The ambitions and goals of the project's development team, including the Turkish Ministry of Culture, INF and WMF, were presented for further discussion and refinement at the Amsterdam Consensus Session. The Amsterdam Roundtable (Milestone Meeting II) is intended to review INF's progress made over the last year, for WMF to summarize their impressions and recommendations made as a result of their initial site assessment, and to lay the groundwork for next year's collaborative pilot project to be presented to the Turkish Ministry of Culture by the end of 2001.

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### Roundtable # 2 Objectives

- To review archaeological fieldwork completed in year 2001which is relevant to the conservation and display of Nemrut Dag.
- To determine if the replication of certain stone sculptures, and the *anastylosis* (reerection) of selected sculptures is a viable option.
- To plan an *in-situ* stone conservation testing and training program for summer 2002.
- To propose a "Pilot Testing and Mobilization" project to the Ministry of Culture before the end of the year 2001 to be implemented in the field late spring 2002.
- To determine parameters for an improved visitor reception and parking area located approximately 200 meters below, trail marking and general site presentation.

# Mission II: Final Planning and Consensus Session, Amsterdam Framework Agenda

### Day One-November 15, 2001 (Thursday) Lead Co-chair, Eric M. Moormann, UVA

9:30 Welcome, introductions and orientation at the Allard Pierson History Museum in Amsterdam (Prof. Dr. Herman Brijder, host UVA).

Updates and presentation of results and S.I.S. Site Information System of this year's INF's field campaign (Dr. Eric M. Moormann UVA).

10:00 S.I.S.: Topographic mapping (Ing. Willian van de Bogaard INF)

10:20 S.I.S.: 3-D Laserscan Program (Ing. Willian van de Bogaard INF and Dipl.-Ing Klaus Kiepsch / Callidus)

10:45 Break

11:00 S.I.S.: Documentation Methods Database (Drs. Nelly van de Mortel INF

and Drs. Tesse Stek UVA)

11:20 Presentation on progress in historical research (Dr. Eric M. Moormann UVA and Dr. Miguel John Versluys)

12:00 Astronomy and Kommagene (Ir. Maurice Crijns INF)

12:15 Lunch

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## Day One-November 15, 2001 (Thursday) Lead Co-chair, John H. Stubbs, WMF

#### Presentations on:

2:00 Stone Conservation Methods and Recommendations; the Role of Stone Replicas at Nemrut; Proposal of a Stone Conservation and training program including a workshop; presentation of compiled archival materials for stone conservation.

#### 4:00 Break

Engineering Issues and Considerations: Structural consolidation, hoisting methods for statue reassembly, etc.

- 4:15 Ancient Building Methods and Principles (Ir. Maurice Crijns INF)
- 4:30 Consolidation and Reassembling Methods Statues (Dr. Predrag Gavrilovic WMF)
- 5:00 Engineering and Hoisting Methods (Ir. Jaap Groot INF)

### Day Two-November 16, 2001 (Friday) Lead Co-Chair, John H. Stubbs, WMF

- 9:30 Review and discussion of Pilot Project logistics, partnership, administrative and funding issues.
- 11:00 Site management and presentation issues and preliminary recommendations regarding site circulation and interpretation; considerations for improving the visitor reception and parking areas.

#### 12:15 Lunch

### Day Two-November 16, 2001 (Friday) Lead Co-Chair, Dr. Eric M. Moormann, UVA

2:00 Final planning and coordination of the application to the Ministry of Culture for the 2002 field campaign and Conservation Pilot Project (CPP) for the M/C by mid-December 2001.

Summary of conservation plan and necessary next steps to prepare for 2002 CPP

- 4:00 Break
- 4:15 Finalization and statement on next steps.

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### Participants:

1. John Stubbs WMF Vice President of Programs

2. Mark Weber WMF Technical Director

3. Elena Charola Stone scientist and conservator,

professor at the University of Pennsylvania.

4. Paolo Pagnin Stone conservator

5. Andrea Baldioli WMF European Projects Manager / conservation architect

6. Predag Gavrilovic Engineer and specialist in seismic design and lifting/conserving

ancient stonework, professor at the Institute of Earthquake Eng. & Eng. Seismology / University St.Cyril and Methodius / Skopje

/ Republic of Macedonia

7. Bernd Fitzner Stone assessment / Acc.Director of the Geologische

Institut RWTH-Aachen

8. Eberhard Wendler Munich?

9. Ms. Nurhan Turan Representative Ministry of Culture Turkey
10. Herman Brijder Project Manager / University of Amsterdam

11. Eric Moormann Acting Project Manager / University of Amsterdam 12. Miguel John Versluys Classical archaeologist / University of Leiden

13. Jaap Groot Structural engineer INF

14. Maurice Crijns Architect, Project Co-ordinator INF

15. Halil Isık Governor of Adiyaman16. Ms. Serap Üzer Archaeologist GAP

17. Klaus-Dieter Kiepsch Laserscann engineer / Callidus Precision Systems GmbH

18. Onno M. van Nijf Epigraphist / professor University of Groningen

19. Anne ten Brink Pre-historian INF

20.Tesse Stek Classical archaeologist University of Amsterdam 21.Ellen Thiermann Classical archaeologist University of Amsterdam

22. Hans Garlich Topographic engineer TU Delft / Faculty of Civil Eng. and

Geosciences Delft

23. Rien Kremers Topographic engineer TU Delft / Faculty of Civil Eng. and

Geosciences Delft

24. Bülent Akarcalı MP / President TDV / Vice President Anap