



PROGRAMME

15. & 16.
December
2017

20
YEARS

German
Apsara
Conservation
Project

1997-2017



Twenty years ago, in 1997, the German Apsara Conservation Project GACP officially started its engagement in the conservation of the precious reliefs and decoration in the temples of Angkor. Since then joint efforts of GACP and APSARA Authority in safeguarding the artistic heritage of Cambodia produced a great many visible results that underline a successful cooperation.

Driven by the conviction that the Angkor Temples as testimonies of the old Khmer master-builders require equally masterful safeguarding interventions, GACP developed its modern conservation conception and constantly optimizes it. Internationally recognized German conservation experts, many students, and the GACP team of local conservators devoted their knowledge and efforts to develop the best possible conservation methods for Angkor.

The main focus of GACP is, besides documenting and examining the weather damaged decorations at Angkor, to conduct conservation interventions based on scientific methods. The measures to preserve the sandstone, brick and stucco reliefs and decorations are taken by the skilled GACP team of Cambodian conservators trained in the frame of GACP Project.

For the celebration of 20 years of fruitful engagement for Khmer built heritage in Angkor and other parts of Cambodia GACP and APSARA Authority want to express their gratitude to all supporters and highlight some of the common achievements and new developments in a symposium on Conservation in Angkor.

Join us on 15th December 2017 in the Angkor Conference Hall in the Apsara Compound in Siem Reap!



The German Apsara Conservation Team 2016



07.30 – 08.30 **Registration**
 08.30 – 08.50 **Welcome Speeches**

Daniela DEMPFF
 DEPUTY HEAD OF MISSION
 GERMAN EMBASSY PHNOM PENH

Prof. Dr. Klaus BECKER
 PRESIDENT
 TH KÖLN – UNIVERSITY OF APPLIED SCIENCES

Anne LEMAISTRE
 UNESCO REPRESENTATIVE IN CAMBODIA

08.50 – 09.00 **Opening Speech**

H.E. Dr. Phoeurng SACKONA
 MINISTER
 MINISTRY OF CULTURE AND FINE ARTS
 PRESIDENT OF APSARA

{ SESSION 1 }

09.00 – 09.10 Renate REICHARDT
 The Cultural Preservation Programme
 of the German Federal Foreign Office

09.10 – 09.30 Hans LEISEN > Esther VON PLEHWE-LEISEN
 20 Years German Apsara Conservation Project
 in Angkor

09.30 – 09.50 HAN Sochry
 Preservation Strategies in Angkor

09.50 – 10.10 Stefan SIMON
 Sustainable Conservation of Cultural Heritage –
 Values and Significance

10.10 – 10.30 DOY Pichjira > Hans LEISEN
 Glossaries as Tools for Internal and
 International Cooperation

10.30 – 10.40 DISCUSSION

10.40 – 11.00 **Coffee Break**

{ SESSION 2 }

11.00 – 11.20 Eric BÜTTNER
 Latest 3D-Sensors and Documentation Methods for
 Monument Conservation and Archaeology – Results of
 Deformation Analysis at Suryavarman Gallery (Angkor Wat)

11.20 – 11.40 IM Sokrithy
 Research on Angkorian Quarries and Transport Routes

11.40 – 12.10 Esther VON PLEHWE-LEISEN >
 LUY Sophorse > Anselm PRANZ
 Khmer Building Materials and their Decoration –
 Research and Conservation

12.10 – 12.30 Peter VÖLKLE
 Historical Building Research –
 Traditional Stone Working Techniques in Angkor

12.30 – 12.40 DISCUSSION

12.40 – 14.00 **Lunch**

{ SESSION 3 }

14.00 – 14.20 Christoph HERM
 In Search of Clues – On the Role of Material Analysis
 in Monument Conservation

14.20 – 14.40 Michael STEIGER
 Small Crystals Large Effect – Salt Crystallization in Building Stones

14.40 – 15.00 Thomas WARSCHEID
 Microbiological Studies at Angkor Site and Development of Effective
 Sanitation Measures within the German Apsara Conservation Project

15.00 – 15.10 DISCUSSION

15.10 – 15.30 **Coffee Break**

{ SESSION 4 }

15.30 – 15.50 Eberhard WENDLER
 Water Repellent Treatments of Natural Stone and Brick –
 50 Years of Scientific Experience

15.50 – 16.10 Nahar CAHYANDARU
 Preparation of Lithium Silicate and Ethyl Silicate
 Consolidant for Andesite Stone

16.10 – 16.30 Simon WARRACK
 ICCROM and Cambodia – Developing Conservation
 Resources in a National and International Context

16.30 – 16.40 DISCUSSION

16.40 – 17.00 Closing of the Symposium (1st day)

SCIENCE FAIR

for APSARA Experts and Interested Colleagues

08.30 – 09.00 **Registration**

09.00 – 10.45 **SCIENCE FAIR – Non-Destructive Testing at the Site: Introduction into Use and Outcome of Different Testing Techniques Used by GACP**

The temples of Angkor and other valuable monuments deserve our highest appreciation. Registered in the UNESCO World Cultural Heritage List since 1992 they bear witness to the powerful empire of the Khmer ancestors. Modern conservation approach is based on exact knowledge of materials and degradation state and mechanisms. Material testing devices and techniques are necessary tools for modern conservation work. Besides analytical methods and high-tech instruments mainly used in the lab, testing methods appropriate for use at the site are efficient means. Detailed documentation based on international standards is precondition for successful interventions and long-term maintenance. Testing procedures carried out directly at the monuments should be non-destructive or at least little invasive. Therefore non-destructive testing techniques become more and more important.

We are looking forward to your participation in this practical presentation and your questions!

10.45 – 11.00 **Q&A and Closing**



New GACP scaffolding at North West tower, 2nd level at Angkor Wat 2017



Contact

GERMAN APSARA CONSERVATION PROJECT GACP

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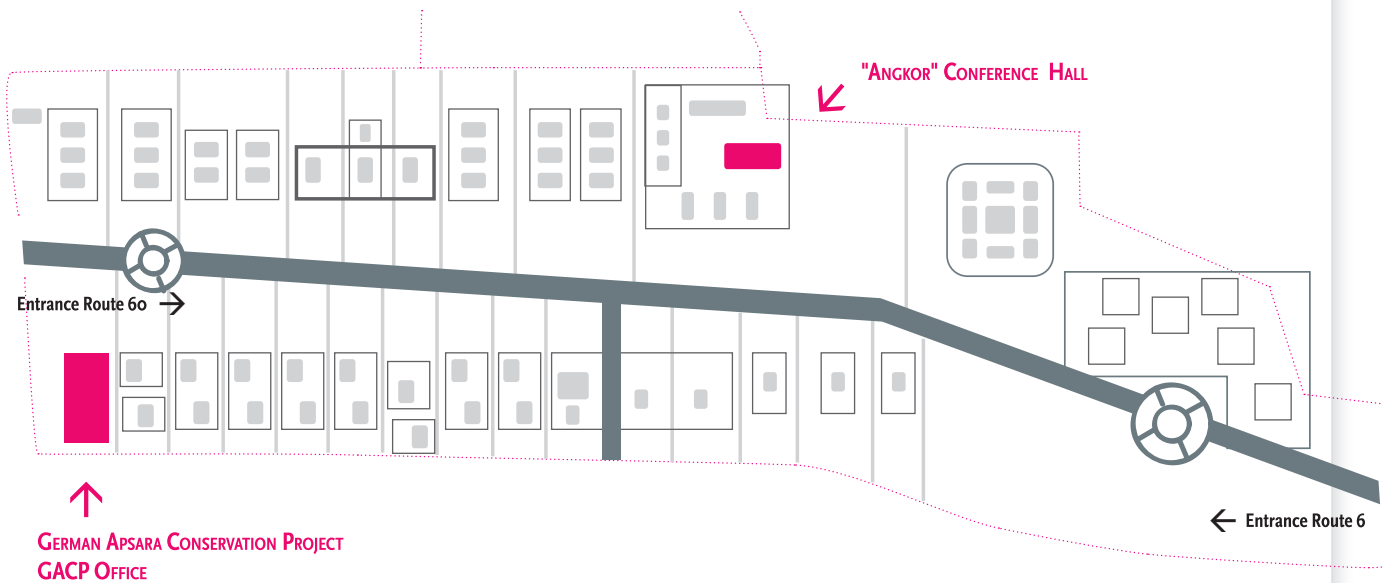
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APSARA COMPOUND

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Ground Plan of the Apsara Authority Compound



THANK YOU!

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