

Summary and course review

Malé Declaration workshop on Evaluation of Corrosion Attack on Materials
UNEP Regional Resource Center for Asia and the Pacific, Bangkok, Thailand from 9th to 11th October 2006.

Date	Programme
Monday Oct 9 08:30-9:00	Opening Section <ul style="list-style-type: none"> • Welcome Remark by Surendra Shrestha, Regional Director, UNEP Asia and the Pacific • Remarks by Dr. Johan Tidblad, Corrosion and Metal Research Institute (KIMAB), Sweden • Overview on implementation of Malé Declaration by M. Iyngararasan, UNEP
	<i>Evaluation of Corrosion Attack on Materials</i>
9:00-12:30 Tea/Coffe 10:30-11:00	<ul style="list-style-type: none"> • Objectives of the workshop in the context of RAPIDC. – Johan Tidblad, KIMAB • Presentation of the Corrosion and Metals Research Institute, Vladimir Kucera, KIMAB • Presentation of all participants. - All • Practical aspects of atmospheric corrosion: Trends, experiences from Europe, experiences from Asia/Africa. Policy aspects, costs, Vladimir Kucera, KIMAB • Overview of the RAPIDC Programme and description of RAPIDC/Corrosion, Johan Tidblad, KIMAB • Outline of the workshop and overview of standardisation in atmospheric corrosion – Vladimir Kucera, KIMAB • Field exposure of metals, Johan Tidblad, KIMAB
12:30-13:30	Lunch
13:30 -17:00	<ul style="list-style-type: none"> • Stone degradation using limestone as indicator, Vladimir Kucera (KIMAB) • 14:00 – 17:00 Visit to MTEC and their corrosion department
Tuesday Oct 10 Morning 09:00-12:30 Tea/Coffe 10:30-11:00	<ul style="list-style-type: none"> • Demonstration: Preparation of materials for exposure, surface treatment, marking, weighing and packing, Farid Samie, KIMAB • Methods for evaluation of corrosion, Johan Tidblad, KIMAB • ISO 8407 Corrosion of metals and alloys – Removal of corrosion products from corrosion test specimens., Vladimir Kucera, KIMAB • Cutting and analysis of spread from the cut of painted samples, Vladimir Kucera • Demonstration: Evaluation of corrosion attack, Farid Samie, KIMAB
12:30-13:30	Lunch
Evening 13:30-17:00 Tea/Coffe 15:00-15:30	<ul style="list-style-type: none"> • Fundamental aspects of atmospheric corrosion: Important parameters and mechanisms, Johan Tidblad, KIMAB • Statistical analysis of corrosion attack and environmental data, dose-response functions, Johan Tidblad, KIMAB • Corrosion testing, Vladimir Kucera, KIMAB • Classification, Johan Tidblad, KIMAB • Practical summary of important points, Farid Samie, KIMAB • Course review and summary, course certificate, Johan Tidblad, KIMAB
Wednesday	<ul style="list-style-type: none"> • 1st Task Force meeting of CORNET, see separate draft agenda • Course certificates and closing, Surendra Shrestha, UNEP

United Nations Environment Programme Regional Resource Centre for Asia and the Pacific



Malé Declaration on Control and
Prevention of Air Pollution and its
Likely Transboundary Effects for
South Asia



KIMAB

This is to certify that

Mustafizur Rahman Akhand

Has successfully participated at the
Training Workshop on
Evaluation of Corrosion Attack on Materials

9-11 October, 2006, Pathumthani, Thailand
Organized by UNEP RRC.AP

Surendra Shrestha

Director, UNEP RRC.AP and
Regional Director, UNEP Regional
Office for Asia and the Pacific

Johan Tidblad

RAPIDC/Corrosion Project leader
Corrosion & Metals Research
Institute

KIMab



Corrosion Network (CORNET)

**Malé Declaration on the Control and
Prevention of Air Pollution in South Asia and
its Likely Transboundary Effects**

&

**Air Pollution Information Network
for Africa (APINA)**

**Draft Agenda for
1st Meeting of the Programme Task Force**

1. Opening of the meeting
2. Approval of Draft Agenda
3. Introduction
4. Experiences from the Task Force meetings of the UNECE ICP Materials of the Convention on Long-Range Transboundary Air Pollution
5. Discussion on results and analyses from the 4-year RAPIDC exposure programme:
 - a) Measurements and reporting of environmental data
 - b) Presentation and discussion of results for steel, zinc, copper, painted steel and, limestone after 2 years of exposure
 - c) Status of 4-year samples shipped to the Corrosion and Metals Research Institute
6. Discussion on the 1-year trend exposure
 - a) Discussion on intentions and possibilities of individual partners for evaluation of corrosion attack
 - b) Time schedule for evaluation of corrosion attack
7. Discussion on exposure of samples at new test sites
8. Information on classification of corrosion in Vietnam
9. Corrosive Marine Atmosphere in Tanzania: Exposure sites and Preliminary Results
10. Information on stock at risk and mapping study in Nepal, Katmandu
10. Rules for publication and data release
11. Future CORNET activities
 - a) Information from SEI: Proposal to Sida for Support for the Next Work Programme of the Global Atmospheric Pollution Forum
 - b) Discussion of future organisation of the network. The role of the Corrosion and Metals Research Institute and strategies to ensure strong links between Asia and Africa.
 - c) Possibilities for continued exposures
 - d) New CORNET members
12. Extension of time schedule
13. Any other business
14. Next meeting

Closure of the meeting