

Technical Commissions and Working Groups
Commissions techniques et Groupes de travail
Technische Kommissionen und Arbeitsgruppen
1988 - 1992

Commission I

PRIMARY DATA ACQUISITION

President: Marcio Nogueira Barbosa
 Director General, INPE
 Av. dos Astronautas, 1758
 CP 515, 12201 Sao José dos Campos
 SP, Brazil

Secretary: José Luiz de Barros Aguirre (Brazil)

WG I/1: Optical Sensors for Remote Sensing
 Chair: Dr. Hartmut Ziemann (Sweden)

WG I/2: Digital Imaging Systems
 Chair: Dr. Decio C. Ceballos (Brazil)
 Co-Chair: Xuan Jia Bing (China)

WG I/3: Microwave Remote Sensing Systems
 Chair: Dr. John Curlander (USA)

WG I/4: Sensor Orientation and Navigation
 Chair: Prof. Dr. Denizar Blitzkow (Brazil)

**Special Topic: Future Remote Sensing Missions
 and Early Results of New Systems**
 Chair: Dr. Placidino Fagundes (Brazil)

**Intercommission WG I/IV:
 International Mapping and Remote
 Sensing Satellite Systems**
 Chair: Dr. Gottfried Konecny (FR Germany)

Commission II
**SYSTEMS FOR DATA PROCESSING AND
 ANALYSIS**

President: Prof. Dr. Klaus Szangolies
 Strasse der Kosmonauten 44
 6900 Jena, German DR

Secretary: Dr. Juergen Pietschner (German DR)

WG II/1: Analytical Instruments
 Chair: Morris L. McKenzie (USA)

**WG II/2: Systems for Analysis of Remotely
 Sensed Data**
 Chair: Prof. Dr. Manfred Ehlers (Netherlands)

**WG II/3: Systems for Reception, Recording,
 Preprocessing, Archiving and
 Dissemination of Remotely Sensed Data**
 Chair: Fred C. Billingsley (USA)
 Co-Chair: Prof. Dr. Dieter Felske (German DR)

**WG II/4: Systems and Instrumentation for Synthetic
 Aperture Radar Processing**
 Chair: Dr. Horst Weichelt (German DR)
 Co-Chair: Dr. Anatolij Shutko (USSR)

WG II/5: Integrated Photogrammetric Systems
 Chair: Dr. Atef. A. Elassal (USA)

**Intercommission WG I/II:
 Acquisition and Use of Space Photographic Data**
 Chair: Dr. W. Kiseljew (USSR)
 Co-Chair: Prof. Dr. Karlheinz Marek (German DR)

**Intercommission WG II/III:
 Design and Algorithmic Aspects of Digital
 Photogrammetric Systems**
 Chair: Prof. Dr. Heinrich Ebner (FR Germany)
 Co-Chair: Prof. Dr. Ian Dowman (United Kingdom)

Commissions II and IV Newsletter:
 Editor: Prof. Dr. Ian Dowman (United Kingdom)

Commission III
MATHEMATICAL ANALYSIS OF DATA

President: Dr. Li Deren
 Wuhan Technical University of
 Surveying and Mapping
 39 Loyu Road, Wuhan 430070, China

Secretary: Mrs. Lu Suqin (China)

WG III/1: Geographic Information Theory
 Chair: Prof. Dr. Martien Molenaar (Netherlands)
 Co-Chair: Dr. Richard Groot (Canada)

**WG III/2: Object Reconstruction and Location by
 Image Analysis**
 Chair: Dr. Wolfgang Foerstner (FR Germany)
 Co-Chair: Dr. Robert M. Haralick (USA)

**WG III/3: Thematic Information Extraction from
 Digital Images**
 Chair: Dr. Tony Schenk (USA)
 Co-Chair: Dr. Bernd-Siegfried Schulz (FR Germany)

WG III/4: Knowledge Based Systems
 Chair: Dr. N.J. Mulder (Netherlands)
 Co-Chair: Dr. Tapani Sarjakoski (Finland)

**Intercommission WG III/VI:
 Tutorials on Mathematical Aspects of
 Data Analysis**
 Chair: Dr. Luigi Mussio (Italy)
 Co-Chair: Dr. Th. Bouloucos (Netherlands)

Commission IV
CARTOGRAPHIC AND DATA BASE
APPLICATIONS OF PHOTOGRAMMETRY
AND REMOTE SENSING

President: Takeshi Hirai
Japan Construction Information Center
Akasaka 7th Ave., Bldg. 6F
7-10-20, Akasaka, Minatoku
Tokyo 107, Japan

Secretary: Dr. Ryutaro Tateishi (Japan)

WG IV/1: Digital Mapping
Chair: Minoru Akiyama (Japan)

WG IV/2: Mapping from Space
Chair: Alain Baudoin (France)

WG IV/3: Map Revision
Chair: Paul R. T. Newby (United Kingdom)

WG IV/4: Specification for Photogrammetric Procedure
Chair: Jon Kure (Netherlands)
Co-Chair: Mahamed Mostafa Radwan (Netherlands)

WG IV/5: Geographic Information Systems
Chair: Dr. Roy A. Welch (USA)

WG IV/6: Extraterrestrial Mapping
Chair: Dr. Sherman S.C. Wu (USA)

WG IV/7: Digital Elevation Models
Chair: Dr. Luiz Alberto Vieira-Dias (Brazil)

Commission V
CLOSE-RANGE PHOTOGRAMMETRY
AND MACHINE VISION

President: Prof. Dr. Armin Gruen
Institut of Geodesy and Photogrammetry
ETH-Hoenggerberg, CH 8093 Zurich
Switzerland

Secretary: Dipl. Ing. Horst Beyer (Switzerland)

WG V/1: Digital and Real-Time Close-Range Photogrammetric Systems
Chair: Dr. Sabry F. El-Hakim (Canada)

WG V/2: Close-Range Imaging Systems - Calibration and Performance
Chair: Prof. Dr. John G. Fryer (Australia)
Co-Chair: Prof. Dr. W. Wester-Ebbinghaus (FR Germany)

WG V/3: Image Analysis and Image Synthesis in Close-Range Photogrammetry
Chair: Dr. Ing. Dieter Fritsch (FR Germany)
Co-Chair: Dr. Jan-Peter Muller (United Kingdom)

WG V/4: Structural and Industrial Measurements with Consideration of CAD/CAM Aspects
Chair: Dr. Clive S. Fraser (USA)
Co-Chair: Prof. Dr. Heinz Ruether (South Africa)

WG V/5: Photogrammetry in Architecture and Archaeology
Chair: Ross W. Dallas (United Kingdom)
Co-Chair: Landolf Mauelshagen (FR Germany)

WG V/6: Biosterometric and Medical Imaging
Chair: Dr. Andreas Engel (Switzerland)
Co-Chair: Prof. Dr. Peter Niederer (Switzerland)

Associate WG: Robot Vision
Chair: Dr. Reimar Lenz (FR Germany)

Commission VI
ECONOMIC, PROFESSIONAL AND
EDUCATIONAL ASPECTS OF
PHOTOGRAMMETRY AND REMOTE
SENSING

President: Prof. Dr. John Badekas
National Technical University of Athens
9, Iroon Polytechniou
15773 Athens, Greece

Secretary: Dr. Andreas Georgopoulos (Greece)

WG VI/1: History
Chair: Dr. Frederick J. Doyle (USA)
Co-Chair: Prof. Dr. Eng. Z. Sitek (Poland)

WG VI/2: Education, Training and Educational Standards for Photogrammetry and LIS
Chair: Dr. G. P. Ellis (Australia)
Co-Chair: Dr. Wicha Jiwalai (Thailand)
Co-Chair: Prof. O. O. Ayeni (Nigeria)
Co-Chair: Prof. Dr. S. K. Ghosh (Canada)
Co-Chair: Dr. G. Barnes (USA)

WG VI/3: Terminology - ISPRS Multilingual Dictionary (MLD)
Chair: Dr. G. Lindig (FR Germany)
Co-Chair: Dr. J. Sievers (FR Germany)
Co-Chair: Prof. Dr. Hans Peter Bahr (FR Germany)

WG VI/4: Economics and Business Management
Chair: Dr. John Badekas (Greece)

WG VI/5: Technical Co-operation
Chair: M. Fontanel (France)

WG VI/6: Literature Retrieval Systems for Photogrammetry and Remote Sensing
Chair: Prof. Dr. J. Hothmer (FR Germany)

WG VI/7: Education, Training and Educational Standards for Remote Sensing and GIS
Chair: Prof. John R. Jensen (USA)

**Commission VII
INTERPRETATION OF PHOTOGRAPHIC
AND REMOTE SENSING DATA**

President: Mr. Frank Hegyi
Ferihill Technologies Ltd.
1483 Douglass St., Suite 702
Victoria, B.C. V8W 3R4, Canada

Secretary: Dr. Bob Ryerson (Canada)

WG VII/1: Physical Measurements and Signatures in Remote Sensing

Chair: Dr. G. Guyot (France)
Co-Chair: Dr. Roger M. Hoffer (USA)

WG VII/2: Spatial Information Extraction and Manipulation

Chair: Dr. P.I. Sallaway (Canada)
Co-Chair: Prof. Dr. S. Poso (Finland)

WG VII/3: Renewable Resources

Chair: Dr. Randall Thomas (Denmark)

WG VII/4: Non-Renewable Resources
Chair: Dr. Tsehaie Woldai (Netherlands)

WG VII/5: Water and Atmospheric Remote Sensing
Chair: Dr. K. A. Ulbricht (FR Germany)
Co-Chair: Dr. E. M. Novo (Brazil)

WG VII/6: Human Settlements
Chair: Dr. Bruce Forster (Australia)
Co-Chair: Prof. P. Misra (India)

WG VII/7: Expert System Applications for Remote Sensing
Chair: Dr. David G. Goodenough (Canada)

Intercommission WG I/VII: Global Monitoring
Chair: Dr. L. Sayn-Wittgenstein (Canada)



Recipients of President's Certificate (from left to right) J. Aguirre (I), P. Newby (IV), R. Ryerson (VII), E. Baltasvias (V), D. Goodenough (VII), H. Beyer (V)

Recipients of the President's Certificate of Honourable Mention
for Commission and Working Group members that have made outstanding contributions to photogrammetry and remote sensing during the 1988 - 1992 Council Period.

- Commission I José Luiz B. Aguirre (Brazil)
- Commission II Prof. Dr. Karl-Heinz Marek (German DR)
- Commission III Prof. Dr.-Ing. Heinrich Ebner (FR Germany)
- Commission IV Paul R. T. Newby (United Kingdom)
- Commission V Dr. Emmanuel Baltasvias (Switzerland)
Dr. Horst Beyer (Switzerland)
- Commission VI Dr. Gerhard Lindig (FR Germany)
- Commission VII Dr. David G. Goodenough (Canada)
Dr. Robert Ryerson (Canada)