

Consulting work / training projects

Drs. M. (Michiel) Damen

2015 The Netherlands

EOPower (Earth Observation for Economic Empowerment). On-line course module on the use of Earth Observation for Disaster Risk Management. EC/FP7 (Grant Agreement 603500)

2007 until 2014 India / The Netherlands

Course coordination Joint Education MSc (18 months) and PGD program (10 months) on “Natural Hazards and Disaster Risk Management” (NHDRM) between the Faculty ITC of the Univ. Twente, the Netherlands and the Indian Institute for Remote Sensing (IIRS), Dehradun, India.

2013 Vietnam

Resource person / lecturer in two weeks course on “The assessment and zonation of landslide hazard and risk”. Vietnam Institute of Geological and Mineral Resources (VIGMR), Hanoi.



2011 & 2012 India

Resource Person / lecturer in three weeks module on “High Resolution Image Analysis for Natural hazard Assessment” in the course Natural Hazards and Disaster Risk Management Joint Education MSc and PGD program on “Natural Hazards and Disaster Risk Management” (NHDRM) between the Fac. ITC Univ. Twente, Netherlands and the Indian Institute for Remote Sensing (IIRS), Dehradun, India.

2011 – 2012 Indonesia/ The Netherlands

Course coordination 18 months Joint Educational Double Degree MSc program on “Geo-Information for Spatial Planning and Risk Management” between Faculty ITC of the Univ. Twente, Netherlands and the Faculty of Geography of the Gadjadara Univ., Yogyakarta, Indonesia.



2011 Georgia

Resource person / lecturer for one week on “RS image processing methods and interpretation”, MATRA Project. Institutional Building for Natural Disaster Risk Reduction (DRR) in Georgia, funded by NL Government, together with the Caucasian Environmental NGO Network (CENN).



April 2011 Switzerland

Resource person / lecturer for three days on the Use of “Geoinformatics for Disaster Risk Assessment”, University of Geneva.

2010 Slovakia

Resource person: 5 days Workshop for staff of the Slovak Water Management Enterprise on the use of Remote Sensing and GIS for flood hazard assessment..

2009 France

Resource person: 2 days Workshop of the “Consortium of Landslides”, UNESCO, Paris.

2009 Mauritius

Resource person: 5 days workshop on “Effective Use of ICTs for Disaster Management” Organizer: The Commonwealth Telecommunications Organization (CTO).

2007 / 2008 / 2009 Indonesia

Fieldwork supervision: Joint Educational MSc program between ITC and the Gadjah Mada University Jogjakarta, Fact. of Geography, “Geoinformation for Spatial Planning and Risk Management”



2008 Italy

Resource person: 3 days workshop on “Basic ERDAS Imagine software training”, AGIP-KCO, Milan.

2006 Sri Lanka

Resource person: Technical Workshop (2 days) Sponsored by UNEP/UNDP on “The Development of Spatial Decision Support Tools for Vulnerability Zoning for Township Development Planning in Sri Lanka, at the Central Environmental Authority (CEA), Colombo Sri Lanka.

Resource person: Workshop (4 days) at the Postgraduate Institute of Science (PGIS) of the Peradeniya Univ. Kandy on “The use of Remote Sensing and GIS for Coastal Hazard Studies.

2005 Indonesia

Resource person: Workshop (3 days) on “The use of Distributed Smart Sensor Networks for Hazard Surveying in Indonesia”, ITB Bandung.

2005 Thailand

Resource person: 2 week training course on “Tsunami run-up modelling & multi-temporal satellite image analysis of the December 26 event” Asian Disaster Preparedness Centre ADPC, Bangkok.

2005 Bhutan

Resource person: ITC Tailor made course on GIS and RS: Module of 2 weeks on “Remote Sensing Techniques”. Thimpu - Department of Geology and Mines, Bhutan.

2004 Indonesia

Resource person: 2 week training course on “The use of GIS and RS for Coastal Zone Management – Theory and hands-on RS and GIS exercises using aerospace images from the coast of Indonesia. SEAMEO-BIOTROP, Bogor.



2003 Indonesia

ITC Refresher Course (3 weeks) – In cooperation with the Gadjah Mada University, Yogyakarta: Geoinformation for Natural Hazards and Disaster management in Indonesia – Theory and hands-on exercises using aerospace images from Indonesia

2003 India

Short course (2 weeks): Aerospace Image interpretation and Analysis, Indian Institute of Remote Sensing (IIRS), Dehra Dun. Theory and hands-on exercises using aerospace images from Indian satellite sensors.

2000 Belize

Short course (2 weeks): Introduction to Remote sensing for Integrated Coastal Zone Management – Theory and hands-on exercises using aerospace images from Belize.

1998 India

Geosciences Division of the Indian Institute of Remote Sensing (IIRS), Dehra Dun: Development of course content on Geographic information and Aerospace data for Slope Instability Zoning and Erosion hazards.

1997 Indonesia

TCDC Training Course (2 weeks) on the Integrated Use of Remote Sensing and Geographic Information for Land Use Planning. BAKOSURTANAL/ PUSPICS, Yogyakarta.



1997 Japan

Resource person to Coastplan Workshop "Geohazard Management in Coastal Areas using ILWIS software", Osaka. (2 weeks).

1995 & 1996 Iran

Courses on Stereo aerial photo interpretation for Terrain Analysis and Land Degradation of semi-arid and desert environments (2 weeks). Ministry of Agriculture Jihad.

1989 China

Two weeks Course on "Geo-Ecological Mapping for Urban Development", Wuhan University.

1987 to 1991 Indonesia

N4-course project "Geographical Landscape Analysis for Indonesian Resources Development" Postgraduate training course for Indonesian students in Faculty ITC, The Netherlands with field survey work in Indonesia in cooperation with Bakosurtanal, Jakarta.

1984-1985 The Netherlands

Survey based on sequential aerial photo-interpretation with fieldwork of potential locations of industrial waste disposal in Twente, the Netherlands. Eurosense B.V., Breda

Study of the town climate of The Hague with air-borne thermal remote sensing imagery. Eurosense B.V., Breda,

1983-1984 The Netherlands

Interpretation of terrain, land use and soil erosion of the Yako and Kassou areas, Burkina Faso (desk study). Van der Zee en Plaisier B.V., Rural Development Consultants

1983 The Netherlands

Physiographic land unit mapping based on photo interpretation for land evaluation purposes of the Tanimbar Archipelago, Moluccas, Indonesia. International Institute for Geo-Information Science and Earth Observation (ITC).

1981 The Netherlands

Geomorphology and Terrain unit mapping for reforestation and land evaluation purposes of a highly eroded upper part of the island of Santo Antao, Cabo Verde. Based on aerial photo interpretation. Ministry of Foreign Affairs (DGIS).