



3RD INTERNATIONAL WORKSHOP ON VALIDATION OF GEO- INFORMATION PRODUCTS FOR CRISIS MANAGEMENT

18-19 October 2011

Ispra-ITALY

DRAFT AGENDA

TUESDAY, October 18th 2011

9:00	Workshop Opening and Welcome Address <i>Delilah Al Khudhairy – Joint Research Centre (Head, Global Security and Crisis Management Unit)</i> <i>Martino Pesaresi- Joint Research Centre (ISFEREA Action Leader)</i>
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9:40	<i>Torsten Redlinger- European Commission (DG ENTR, GMES Bureau)</i>
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SESSION I– THE ROLE OF VALIDATION IN INFORMATION AND COMMUNICATION TECHNOLOGIES (ICT) FOR CRISIS MANAGEMENT

Chair: Daniel Stauffacher. ICT4Peace Foundation, Geneva, Switzerland

10:00	Invited Speaker: Daniel Stauffacher. ICT4Peace Foundation
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10:20	Potential applications of tracking macro-trends within Crisis Management Invited Speaker: Douglas Hubbard. Hubbard Decision Research, United States
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10:40	The OpenStreetMap way to data creation and validation in emergency preparedness and response Invited Speaker: Nicolas Chavent, Open Street Map, France
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11:00	Coffee Break
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11:10	Impact Opportunities and Methodology Challenges: Crisis Mapping and Geanalytics in Human Rights Research <i>Scott Edwards & Koettl C. – George Washington University/Amnesty International</i>
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11:30	Web and mobile emergencies network to real-time information and geodata management <i>Elena Rapisardi¹⁻³, Lanfranco M.²⁻³, Dilolli A.⁴ & Lombardo D.⁴</i> ¹ Openresilience ² Doctoral School in Strategic Sciences, SUISS, University of Turin ³ NatRisk, Interdepartmental Centre for Natural Risks, University of Turin ⁴ Vigili del Fuoco, Comando Provinciale di Torino
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11:50	An Integrated Quality Score for Volunteered Geographic Information on Forest Fires <i>Ostermann Frank & Spinsanti L.</i> <i>European Commission, Joint Research Centre, SDI Unit, IES</i>
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12:10	Lunch
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SESSION II – VALIDATION OF REMOTE SENSING DERIVED EMERGENCY SUPPORT PRODUCTS

Chair : Dirk Tiede , University of Salzburg, Austria

13:40 **Recent experiences on the use of remote sensing for damage assessment and its validation: 2010 Pakistan flood, 2011 Tohoku Tsunami and 2011 (February) Christchurch earthquake**
Keiko Saito^{1,6}, R. Eguchi², G. Lemoine³, L. Barrington⁴, J. Bevington², S. Gill⁵, A. King⁶, A. Lin⁴, M. Green⁷, R. Spence¹ & P. Wood⁸
¹ Cambridge Architectural Research Ltd, UK - ² ImageCat Inc, USA ; ImageCat Ltd, UK- ³ Joint Research Centre, EU - ⁴ Tomnod, USA- ⁵ Global Facility for Disaster Risk Reduction, The World Bank- ⁶ GNS, New Zealand - ⁷ EERI, USA - ⁸ New Zealand Society for Earthquake Engineering

14:00 **Definition of a reference dataset to assess the quality of building information extracted automatically from VHR satellite images**
Annett Wania, Kemper T., Ehrlich D., Soille P. & Gallego J.
Joint Research Centre

14:20 **On the Validation of An Automatic Roofless Building Counting Process**
Lionel Gueguen, Pesaresi M. & Soille P.
Joint Research Centre

14: 40 **Evacuation plans : interest and limits**
Alix Roumagnac & Moreau K.
PREDICT Services

15: 00 **Outside the Matrix, a review of the interpretation of Error Matrix results**
Pablo Vega Ezquieta ¹, Tiede D. ², Joyanes G. ¹, Gorzynska M. ¹ & Ussorio A. ¹
¹ European Union Satellite Centre- ² Z-GIS Research, University of Salzburg

15: 20 **On the complexity of validation in the security domain – experiences from the G-MOSAIC project and beyond**
Thomas Kemper, Wania A. & Blaes X.
Joint Research Centre

15: 40 **Coffee Break**

SESSION III– USABILITY OF WEB BASED DISASTER MANAGEMENT PLATFORMS AND READABILITY OF CRISIS INFORMATION

Chair : Tom De Groeve, Joint Research Centre

15:50 **Emergency Support System: Spatial Event Processing on Sensor Networks**
Roman Szturc, Horáková B., Janiurek D. & Stankovič J.
Intergraph CS

16:10 **Near-real-time monitoring of volcanic emissions using a new web-based, satellite-data-driven, reporting system: HotVolc Observing System (HVOS)**
Mathieu Gouhier ¹, Labazuy P.¹, Harris A. ¹, Guéhenneux Y. ¹, Cacault P. ², Rivet S. ² & Bergès J-C. ³
¹ Laboratoire Magmas et Volcans, CNRS, IRD, Observatoire de Physique du Globe de Clermont-Ferrand, Université Blaise Pascal- ² Observatoire de Physique du Globe de Clermont-Ferrand, CNRS, Université Blaise Pascal - ³ PRODIG, UMR 8586, CNRS, Université Paris 1

16:30 **1- Image interpreters/interpreted images, study of recognition mechanisms**
2- Crisis maps readability: first results of an experiment using the eye-tracker
Roberta Castoldi, Carrion D., Corbane C., Broglia M. & Pesaresi, M.
Joint Research Centre

16: 50 **Closure of DAY 1**

20:00 **Social dinner at Hotel Belvedere**

WEDNESDAY, October 19th 2011
SESSION IV–TOWARDS ROUTINE VALIDATION AND QUALITY CONTROL OF CRISIS MAPS

Chair: Michael Judex, German Federal Office of Civil Protection, Germany

9:00	Validation, standardisation, innovation and ability to respond to user requirements <i>Joshua Lyons - UNITAR/UNOSAT</i>
9:20	A methodological framework for qualifying new thematic services for an implementation into SAFER emergency response and support services <i>Hannes Römer, Zwenzner H., Gähler M. & Voigt S.- German Aerospace Center (DLR)</i>
9:40	A methodology for a user oriented validation of satellite based crisis maps <i>Michael Judex¹, Sartori G.², Santini, M.³, Guzmann, R.³, Senegas, O.⁴ & Schmitt, T.⁵</i> <i>¹ Federal Office of Civil Protection and Disaster Assistance, Germany- ² World Food Programme, Italy- ³ Dipartimento della Protezione Civile- ⁴ United Nations Institute for Training and Research (UNOSAT)- ⁵ Ministère de l'intérieur, Direction de la Sécurité Civile</i>
10:00	Quality policy implementation: ISO certification of a Rapid Mapping production chain <i>Bernard Allenbach¹, Rapp JF.¹, Fontannaz D.² & Chaubet JY.³</i> <i>¹SERTIT- ²CNES - ³APAVE</i>
10:20	Introduction to the LIVE EXERCISE AT THE CRISIS ROOM
10:30	Coffee break & transfer to the crisis room

SESSION V- LIVE EXERCISE AT THE CRISIS ROOM

Coordinator: Alessandro Annunziato, Joint Research Centre, Italy

11:00	Presentation of crisis room and related tools <i>Tom de Groeve & Galliano D.</i> <i>European Commission, Joint Research Centre</i>
11:20	Simulation of a case study <i>All</i>
12:30	Lunch

SESSION VI- WRAP UP SESSION

14:00	Panel discussion <i>Scientific committee of VALgEO 2011</i>
15:00	Recommandations and conclusion <i>All</i>

Contact

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