

001

Tuesday July 24, 2018

002

15:30 – 20:00

Exkursion "Dragon's Rock" (Drachenfels)

see separate announcement

http://intercarto24.net/InterCarto24_Bonn_2018___Registration_Form.pdf#page=2

003

004

Wednesday July 25, 2018

005

from 9:00

Registration of Participants

006

Session 1 10:00 – 12:00

**Welcome and Opening of the
2018 InterCarto-InterGIS 24 Bonn Conference**

Thomas Graner, German Federal Agency for Nature Preservation, Deputy President

Michael Bilo, German Federal Agency for Nature Preservation

Horst Kremers, CODATA-Germany

Vladimir Tikunov, ICA Commission on GI and Sustainability

Mattia Marconcini, International Society for Digital Earth

011

Daniel M. Lopez L. and Arsitides Saavedra G.

Mexico

9

*Detailed Mapping of Land Use – Land Cover Using An
Object-Oriented Classification Method on High Resolution
Satellite Data: A Case Study in the Usumacinta
Watershed, Mexico*

CentroGeo

012

**Rachida Houssa, Hassan Rhinane, Karim Hilmi and
Mehdi Maanan**

Morocco

27

*The Ecosystem Services of the Oualidia Lagoon:
Challenges and Opportunities*

*National Institute of Fisheries
Resources*

013

Mirko Hauswirth, Matthias Bluhm and Judith Stagl

Germany

18

*Managing Long-Term Biodiversity Monitoring Data of
Seabirds for the German Marine Areas*

*Federal Agency for Nature
Conservation (BfN)*

014 **Break**
 12:00 – 13:15

015 **Session 2 13:15 – 14:00**

021 **Vladimir Tikunov and Olga Chereshnia** **Moscow, Russia**
28 *Index of Economic Development of Russian Regions* *Moscow State University*

022 **Tedo Gorgodze** **Tbilisi, Georgia**
33 *The Complex Geo Information Atlas of Kutaisi* *The Tbilisi State University of Ivane Javakhishvili*

023 **Break**
 14:00 – 14:30

024 **Session 3 14:30 – 15:15**

031 **Tengiz Gordeziani, Tedo Gorgodze and** **Tbilisi, Georgia**
 Sergo Kvizhinadze *Tbilisi State University*
29 *Condition of Cartography and Geoinformatics in Georgia:*
 Past, Present, Future

032 **Gocha Gudzuadze** **Tbilisi, Georgia**
30 *The Mathematical Foundation for the New Georgian*
 Topographic Maps *Ivane Javakhishvili Tbilisi State University*

038 **Break**
 15:15 – 15:45

039

Session 4 15:45 – 16:30

033

Andreas Fritsch and Stefanie Betz

Karlsruhe, Germany

22

*Concept and Prototype for An Open Database for Social
Life Cycle Assessment*

Karlsruhe Institute of Technology

042

Horst Kremers

Berlin, Germany

26

*Global Programs and Conventions – Mutual Synergies
from Holistic Information Management*

CODATA-Germany

048

Thursday July 26, 2018

049

from 8:30

Registration of Participants

050

Session 5 9:00 – 11:00

051

**Andreea Calugaru, Alexandru Vasile,
Diana Cosmoiu and Andreea Danciu**

Romania

Esri Romania

13

*The Map of the Romanian Rivers and the Hydropower
Impact*

052

Zurab Laoshvili

Tbilisi, Georgia

Georgian state Technicali University

31

*Corporative GIS Tbilisi (GWP - Georgia Water and Pover)
Water Supply*

053

**Ahmed Algouti, Abdellah Algouti and
Fatiha Hadach**

Morocco

*Faculté des Sciences Semlalia
Marrakech, Université Cadi Ayyad*

14

*Mapping of the Ait Ourir Basin Area (Marrakesh High
Atlas): Using Remote Sensing and GIS Techniques*

054

**Stenka Vulova, Katja Dörnhöfer and
Natascha Oppelt**

Kiel, Germany

University of Kiel

4

*Long-Term Temperature Trends of Lake Kummerow
(Germany) from Homogenized Time Series of Historical
Satellite and In-Situ Data*

055

**Marcelo Rosensaft, Nimrod Weiler, Amir Sagy,
Oded Katz, Gony Biran and Yoav Avni**

Israel

Geological Survey of Israel

21

Earthquake Hazard Mapping in the South of Israel

056

**Aafaf El Jazouli, Ahmed Barakat, Rida Khellouk,
Jamila Rais and Mohammed El Baghdadi**

Morocco

Moulay Slimane University

6

*Applications of GIS and Remote Sensing in Landslide
Susceptibility Mapping Using AHP Method in Oum Er Rbia
High Basin (Morocco)*

058

Break

11:00 – 11:15

060

Session 6 11:15 – 12:00

061

Xiaobin Hua, Ralf Ohlemüller and Pascal Sirguey

New Zealand

15

Using Remote Sensing to Detect Topographic Effects on the Timing of Growth Season in Alpine Grasslands

University of Otago

062

Manana Sharashenidze and Davit Shavlakadze

Tbilisi, Georgia

34

Estimated Mapping of Wine Growing and Winemaking in Georgia (On the Example of the Region of Kakheti)

Tbilisi state university

068

**Break
12:00 – 13:00**

070

Session 7 13:00 – 14:30

071

Fatiha Hadach, Ahmed Algouti, Abdellah Algouti and Zahra Mourabit

Morocco

20

Remote Sensing Application for the Lithological Distinction of the Tasghimout North and Wanina Basins, Marrakech, Morocco

Faculte des sciences semlalia

072

Maryam Khal, Abdellah Algouti and Ahmed Algouti

Morocco

7

Differentiation of Lithological Facies in the Oued M'goun Watershed, Using Satellite Image and SENTINEL-2, LANDSAT 8 and ASTER Data Processing

Cadi Ayyad University

073

Zahra Mourabit, Abdelhalim Tabit and Abdellah Algouti

Morocco

19

Hyperspectral Remote Sensing: Mineralogy and Petrology, Application To the Beni Bousera Ultramafic Massif (Rif Interne, Morocco)

Faculte des sciences semlalia

074

Hemant Kumar

India

8

Soil Erosion Modelling Using MMF Model and Degradation Mitigation Strategy in Yamuna-Chambal Badlands of Etawah, UP, India

RPS Degree College, Balana, Mahedergarh haryana

079

**Break
14:30 – 15:00**

080

Session 8 15:00 – 16:30

081

Fabio Cian, Carlo Giupponi and Mattia Marconcini

Venice , Italy

Ca' Foscari University

Integration of Earth Observation and Census Data for Mapping Social Vulnerability To Floods [A Case Study on Northeast Italy]

082

Andrea Baraldi, Dirk Tiede, Martin Sudmanns and Stefan Lang

Rome. Italy

Italian Space Agency

Salzburg, Austria

University of Salzburg,

Department of Geoinformatics

Artificial Intelligence for Earth Observation, AI4EO: Systematic Multi-Sensor ESA EO Level 2 Product Generation at the Ground Segment as Horizontal Innovation Policy in Support of a Sustainable Space Economy 4.0

083

Peter Fischer-Stabel

Trier, Germany

University of Applied Sciences

10

A Spatial Data Infrastructure (SDI) Supporting Environmental Sciences Education in the National Park Hunsrück-Hochwald (Germany)

089

Break

16:30 – 17:00

090

Session 9 17:00 – 18:30

091

Thomas Esch, Felix Bachofer, Hubert Asamer, Jakub Balhar, Martin Boettcher, Enguerran Boissier, Andreas Hirner, Emmanuel Mathot, Mattia Marconcini, Annekatriin Metz-Marconcini, Hans Permana, Tomas Soukup, Soner Uereyen and Vaclav Svaton

Oberpfaffenhofen, Germany

German Aerospace Center (DLR)

The Urban TEP –Utilizing Multi-Source Data for Innovative Urban Analysis and Monitoring

092

Mattia Marconcini, Soner Uereyen, Annekatriin Metz-Marconcini, Julian Zeidler, Daniela Palacios-Lopez, Thomas Esch and Noel Gorelick

Oberpfaffenhofen, Germany

German Aerospace Center (DLR)

Monitoring Global Urbanization in Support of Sustainable Development

093

Mario Hernandez

Mexico

International Society for Digital Earth

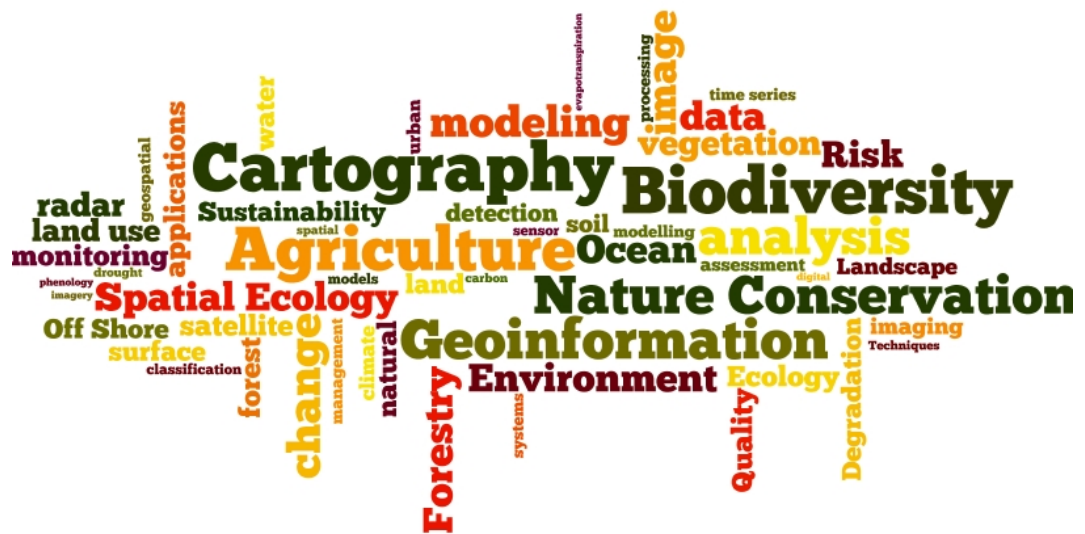
36

Digital Earth in Support of the UN Sustainable Development Goals

094 **Break**
 18:30 – 19:00

095 **Public Event** 19:00 – 21:00

Geospatial Information for Sustainable Development
Mutual Synergies from Holistic Information Management
of Global Declarations, Frameworks and Programs



The Challenges of complexity, volume, dynamics and veracity of Information for operable use.

Increasing information interoperability efficiencies in the UN system.

Human Security – from national security aspects towards people-centered and multi-disciplinary understanding of security

The Strategic Importance of Geospatial Information for Societal Benefits.

Impulse Statements

Panel Discussion

Daniel M. Lopez L. (CentroGeo, Mexico)

Rachida Houssa (National Institute of Fisheries Resource, Casablanca)

Viktor Putrenko (World Data Center for Geoinformatics and Sustainable Development, Kiev)

Horst Kremers (CODATA-Germany, Berlin)

Mario Hernandez (International Society for Digital Earth)

(enquired, t.b.c.)

Moderated by Mattia Marconcini (Germany) and Vladimir S. Tikunov (Moscow)

Followed by a reception

Participation in this public event is free but registration is necessary,
 please use <http://InterCarto24.net/July27Reg.html> (available from May 22, 2018)

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Friday July 27, 2018

012

Session 10 08:30 – 09:15

Rachida Houssa

Open Data in Environmental Maritime Research

Morocco

*National Institute of Fisheries
Resources*

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041

Viktor Putrenko and Nataliia Pashynska

*Analysis of Regional Armed Conflicts Using Spatial
Clustering Methods*

Kiev, Ukraine

*World Data Center for
Geoinformatics and Sustainable
Development*

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098

09:15 – 10:15

**International Society for Digital Earth –
Business Meeting (open for all participants)**

099

Break

10:15 – 10:30

099_

10:30 – 11:45

**International Cartographic Association,
Commission on GI and Sustainability -
Business Meeting (open for all participants)**

099__

Break

11:45 – 13:00

100

Session 11 13:00 – 14:00

101

Kwangseob Kim and Kiwon Lee

*Practical Linking POI and Indoor Geo-Spatial Database in
the Metropolitan City*

South Korea

Hansung University

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102

**Driss Haddouche, Smina Zennouche and
Abdelmalek Tounkob**

*Spatial Indices and Dynamic of Forest Land in Northern of
Algeria. Case of the Municipality of Ain-Fezza*

Algeria

University of Tlemcen

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Break
14:00 – 14:15

109

Session 12 14:15 – 15:15

112

**Davit Sartania, Revaz Tolordava, Dali Nikolaishvili,
Robert Maglakelidze**

Tbilisi, Georgia
Tbilisi State University

32

*Planning-Mapping the Khertvisi Historical-Cultural Land-
Scapes*

114

**Johannes Hermes, Christian Albert and
Christina von Haaren**

Hannover, Germany
*Leibniz Universität Hannover,
Institute of Environmental Planning*

24

*Indicators for Mapping Supply and Demand of the
Cultural Ecosystem Service 'Recreation' of Landscapes in
Germany*

119

Session 13 15:15 – 15:45
**Summarizing the Conference and Discussions,
Invitation for InterCarto-InterGIS 25th Conference 2019,
Closing of the Conference**

199

200

Saturday July 28, 2018

201

07:00 – 22:00

**Exkursion Upper Middle Rhine Valley UNESCO World Heritage
see separate announcement**

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*Program Version 20180518
Program may be subject to change*

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