

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

Georg Gartner, ICA International Cartographic Association

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 *Public Health Index in Regions of BRICS* *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 *Methods of Mapping of Landscape-Ecological* *Ivane Javakhishvili Tbilisi State*
 Frameworks for Purposes of Forest Surveying *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 – Coherence and
Mutual Synergies from Holistic Information Management*

CODATA-Germany

Icebreaker 16:30 – 17:30

048

Thursday July 26, 2018

049

from 8:30

Registration of Participants

050

Session 5 9:15 – 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

31

GIS in Tbilisi Water Supply Network

Georgian State Technical University

053

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

Morocco

Faculté des Sciences Semlalia

14

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

Marrakech, Université Cadi Ayyad

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* *University of Otago*
 the Timing of Growth Season in Alpine Grasslands
- 062 **Manana Sharashenidze and Davit Shavlakadze** **Tbilisi, Georgia**
34 *Estimated Mapping of Wine Growing and Winemaking in* *Tbilisi state university*
 Georgia (On the Example of the Region of Kakheti)

068 **Break**
 12:00 – 13:00

070 **Session 7 13:00 – 14:20**

- 071 **Fatiha Hadach, Ahmed Algouti, Abdellah Algouti** **Morocco**
 and Zahra Mourabit *Faculte des sciences semlalia*
20 *Remote Sensing Application for the Lithological*
 Distinction of the Tasghimout North and Wanina Basins,
 Marrakech, Morocco
- 072 **Maryam Khal, Abdellah Algouti and Ahmed Algouti** **Morocco**
7 *Differentiation of Lithological Facies in the Oued M'goun* *Cadi Ayyad University*
 Watershed, Using Satellite Image and SENTINEL-2,
 LANDSAT 8 and ASTER Data Processing
- 073 **Zahra Mourabit, Abdelhalim Tabit and** **Morocco**
 Abdellah Algouti *Faculte des sciences semlalia*
19 *Hyperspectral Remote Sensing: Mineralogy and*
 Petrology, Application To the Beni Bousera Ultramafic
 Massif (Rif Interne, Morocco)

079 **Break**
 14:20 – 14:45

080

Session 8 14:45 – 16:15

081

Fabio Cian, Carlo Giupponi and Mattia Marconcini

Venice , Italy

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

Ca' Foscari University

082

Andrea Baraldi, Dirk Tiede, Martin Sudmanns and Stefan Lang

Rome. Italy

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

Italian Space Agency

Salzburg, Austria

University of Salzburg,
Department of Geoinformatics

083

Peter Fischer-Stabel

Trier, Germany

10

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

University of Applied Sciences

089

Break

16:15 – 16:45

090

Session 9 16:45 – 18:30

092

Milan Konecny

Brno, Czech Republic

Disaster Risk Reduction and Sustainable Development: New Challenges in the Big Data Era

Mazaryk University

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

36

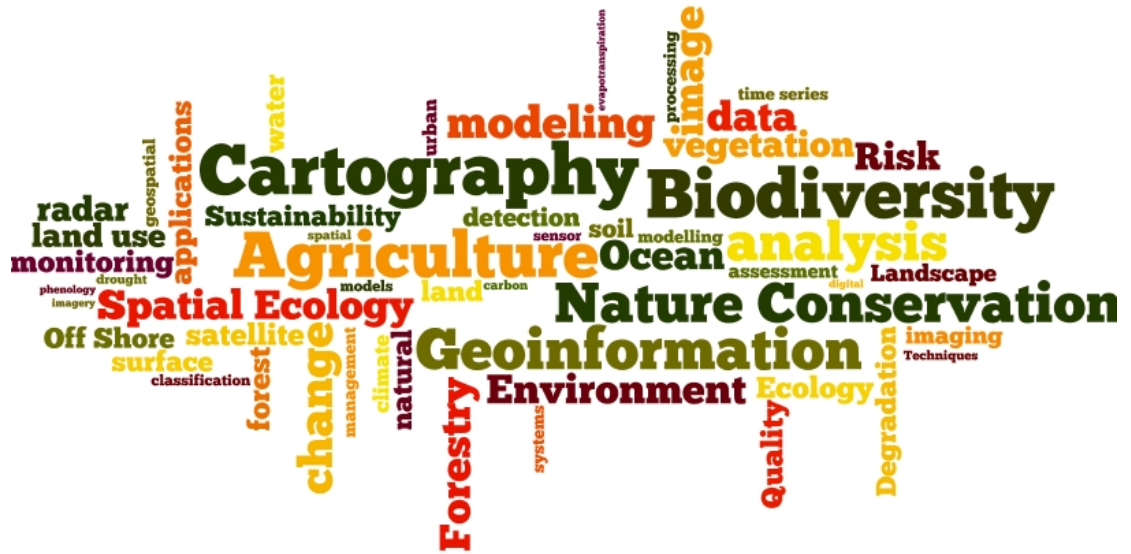
Digital Earth in Support of the UN Sustainable Development Goals

International Society for Digital Earth

094 **Break**
 18:30 – 19:00

095 **Public Event** 19:00 – 21:00

Geospatial Information for Sustainable Development
Coherence and 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 in transdisciplinary sustainability research and practice.

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)

Horst Kremers (CODATA-Germany, Berlin)

Mario Hernandez (International Society for Digital Earth)

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

Followed by a reception

Participation in this public event is free but registration until July 23rd is necessary, please use <http://intercarto24.net/Event20180726.shtml>

097

Friday July 27, 2018

012

Session 10 08:30 – 09:30

012

Rachida Houssa

Morocco

27

Open Data in Environmental Maritime Research

*National Institute of Fisheries
Resources*

041

Viktor Putrenko and Nataliia Pashynska

Kiev, Ukraine

12

*Analysis of Regional Armed Conflicts Using Spatial
Clustering Methods*

*World Data Center for
Geoinformatics and Sustainable
Development*

098

09:30 – 10:15

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

099

Break

10:15 – 10:30

099_

10:30 – 11:30

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

041

Eugene Eremchenko and Vladimir Tikunov

Moscow, Russia

12

*Semiotics aspects: Digital Earth & Digital Economy
(chapter of a book)*

Moscow State University

041

Horst Kremers

Berlin, Germany

12

*Syntax, Semantics and Pragmatics enabling Practical
Operations in Sustainable Development Complex
Information Management*

CODATA-Germany

099__

Break

11:30 – 12:15

100

Session 11 12:15 – 13:15

101

Kwangseob Kim and Kiwon Lee

South Korea

11

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

Hansung University

102

Driss Haddouche, Smina Zennouche and Abdelmalek Tounkob

Algeria

25

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

University of Tlemcen

108

**Break
13:15 – 13:45**

109

Session 12 13:45 – 14:45

112

Davit Sartania, Revaz Tolordava, Dali Nikolaishvili, Robert Maglakelidze

Tbilisi, Georgia

32

Planning-Mapping the Khertvisi Historical-Cultural Land-Scapes

Tbilisi State University

114

Johannes Hermes, Christian Albert and Christina von Haaren

Hannover, Germany

24

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

*Leibniz Universität Hannover,
Institute of Environmental Planning*

119

**Session 13 14:45 – 15:30
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 20180716
Program may be subject to change*

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