Update from EuroSDR

EuroGeographics PosKEN meeting
April 2018, Brussels (Belgium)
Introductory questions

• Who knows what is EuroSDR ?

• Who is employed at mapping agencies ?

• Who is from universities or research institutes ?

• Who is from the private sector ?
European Spatial Data Research Network

- Linking National Mapping and Cadastral Agencies (NMCA) with Research Institutes and Universities (and Industry)
European Spatial Data Research Network

- Linking National Mapping and Cadastral Agencies (NMCA) with Research Institutes and Universities (and Industry)
- For the purpose of applied research in spatial data management and delivery
- Not-for-profit organisation - Foundation OEEPE (European Organisation for Experimental Photogrammetric Research, 1953)
- 19 country members: Austria, Belgium, Croatia, Cyprus, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Norway, Poland, Slovenia, Spain, Sweden, Switzerland, The Netherlands, United Kingdom.
Organisation

EXECUTIVE MANAGEMENT TEAM

- Eric Bayers: President (2016-2018)
- Fabio Remondino: Vice-president (research)
- Joep Crompvoets: Secretary-General
- Tatjana Van Huyck: Assistant Secretary-General

COMMISSION CHAIRS

- Commission 1: Data acquisition (Jon Mills)
- Commission 2: Modelling and processing (Jantien Stoter)
- Commission 3: Updating and integration (Jon Arne Trollvik)
- Commission 4: Information Usage (Bénédicte Bucher)
- Commission 5: Business models and operation (Joep Crompvoets)
- Commission 6: Knowledge transfer (EduServ) (Marketa Potuckova)

- Intercommission working group
- Special interest group (3D Special Interest Group)
Commission Structure

- The EuroSDR Commissions serve as a catalyst between the research projects and the EuroSDR network.
- The Commissions give a report on the relevant activities at every Board of Delegates meeting.
- Commissions form a network.
Operations

- Delegates meetings
- Workshops
- Research projects
- Publications
- Educational activities (EduServ)
Partner organisations

- EuroGeographics
- International Society for Photogrammetry and Remote Sensing (ISPRS)
- Open Geospatial Consortium (OGC)
- Association of Geographic Laboratories in Europe (AGILE)
- Global Spatial Data Infrastructures Association (GSDI)
- International Cartographic Association (ICA)
- International Federation of Surveyors (FIG)
- Permanent Committee on Cadastres in the EU (PCC)
- UVS-International
- CLGE – Council of European Geodetic Surveyors … MoU in preparation
Objectifs
To explore, test and validate platforms, sensors and algorithms to acquire geo-spatial data, with emphasis on accuracy, reliability and standardization of data processing procedures.

Keywords:
- Platforms
- Sensors
- Georeferencing
- **Positioning**
- mobile mapping
- point clouds
- RPAS
- oblique and nadir imagery
- satellites

Co-organisation of EuroCOW workshops
Objectifs
To provide education services in order to support the transfer of knowledge from EuroSDR research projects to NMCAs, academia and industry and to fulfil specific NMCAs demands for knowledge update, to collect and disseminate methodologies, developed tools and other research outcomes in the form of EuroSDR’s official publications and via EuroSDR’s homepage, to contribute to development of curricula in GI.

EduServ program

EUROSDR SHORT COURSE IN PHOTOGRAMMETRY
October 2017, United Kingdom
EuroGeographics KEN collaboration

• EuroSDR vision

   EuroSDR should absolutely analyse and organise the numerous overlapping and converging zones between our activities and those of the EuroGeographics KEN. Our associations have nearly similar, complementary activities.

• Common decisions

   ▪ Share the KEN work plans and EuroSDR Research plan between the KEN and Commission Chairs for their feedback on common interest

   • Done by André Streillein (extGA EuroGeographics / Leuven 2016 - 2017)
EuroGeographics KEN collaboration

• Common decisions
  ▪ Define the overlapping spheres of activities between EuroSDR and EuroGeographics Knowledge Exchange Exchange Networks (KEN)
    ▪ Ongoing

  ▪ Set up a cooperation plan between EuroSDR and EuroGeographics KEN with concrete steps
    ▪ To do
EuroGeographics KEN collaboration

• EuroSDR internal actions
  ▪ Discuss the list of relevant cooperation topics provided by the KEN- chairs
    • Ongoing
  ▪ Review the Work Plan for each EuroGeographics KEN
    • Ongoing (decision EuroSDR ETM 09/2017 -> next BOD)
  ▪ Provide projects/workshops/proposals relevant for the GNSS Positioning KEN
    • To do