



ANNUAL REPORT OF THE SIG LAND USE & LAND COVER FOR THE YEAR 2016

*THE DEADLINE FOR THE SUBMISSION OF THIS REPORT TO THE EARSEL SECRETARIAT IS
JANUARY 10th, 2017 (by email: secretariat@earsel.org)*

Name of SIG:	Land Use & Land Cover
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Year:	2016

WORKSHOPS

Please describe here activities conducted in 2016 (attached files compiling information and scientific and/or budgetary results can be added to the report) and workshops foreseen for the year 2017 or 2018 if already planned.

In 2016, EARSeL SIG LU&LC activities were oriented on the 2nd joint Workshop of the EARSeL Special Interest Group on Land Use & Land Cover and the NASA Land-Cover/Land-Use Change (LCLUC) Program.

The Workshop was jointly organized between the EARSeL SIG LULC and NASA's LCLUC Science Teams at the Department of Applied Geoinformatics and Cartography, Faculty of Science, Charles University in Prague, Czechia, on May 6-7, 2016. 123 researchers from 30 countries and 8 keynote speakers discussed upcoming opportunities and challenges of LCLUC and remote sensing at the beginning of this new big data era of:

1. Harmonization of Sentinel-2 and Landsat products
2. Mapping Land Cover and Land Use with cross-scale and cross-sensors approaches
3. Challenges of Land-Cover and Land-Use Monitoring with Dense Time Series of EO Data
4. EO benefits for ecosystem services and human wellbeing

Each session opened with presentations by distinguished keynote speakers who triggered and set the stage for the discussion among all participants. Each session continued with poster presentation and

concluded with discussion wrapping-up the key elements of the session and enhancing collaboration among the participants.

During the closing session there was an official call for organisers of the 3rd joint Workshop of the EARSeL Special Interest Group on Land Use & Land Cover and the NASA Land-Cover/Land-Use Change (LCLUC) Program. At the moment there are proposals from Greece, Poland, Denmark and Hungary.

53 poster presenters could submit their full papers to the first EARSeL special issue of the European Journal of Remote Sensing. Finally there were registered 16 papers. During the review process 5 of them were rejected, and 6 have major revisions status, 1 minor revision, 1 is being edited, and 3 already published.

The financial report was delivered to the EARSeL by the local organiser of the Workshop: Dr. Premysl Stych (Charles University in Prague, Czech Republic)

WEBSITE AND PROMOTION ACTIVITIES

<http://www.earsel.org/SIG/LULC/index.php>

OTHER INFORMATION

At the moment we are preparing to establish the new web page of the SIG; to select the venue of the 3rd Workshop, which is planned in spring 2018, and to prepare a structure of the new EARSeL Book in the frame of the Springer's EARSeL Book series.