

IGU/LUCC activities 2008-2012

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IGU/LUCC: Prague 2010

Results from Tunisia IGU Congress

- Continuation of commission IGU/LUCC working from 1997
- Discussion about head of commission
- Head: Ivan Bičák (Czechia), vice head Sergey Ganzey (Russia)
- Nomination of new members in steering committee IGU/LUCC
- Program of activities for period 2008-2012

- **Prof. Ivan Bičík (chair) - Czechia**
- bicik@prfdec.natur.cuni.cz
- **Dr. Sergey Ganzei (vice-chair) - Russia**
- ganzei@mail.primorye.ru
- **Dr. Fethi Ayache - Tunisia**
- fayaches@yahoo.fr
- **Prof. Dan Balteanu - Romania**
- geoinst@rnc.ro
- **Prof. David Carr - USA**
- carr@geog.ucsb.edu
- **Dr. G.S.Chauhan - India**
- chauhanugc@gmail.com
- **Prof. Matej Gabrovec - Slovenia**
- matej@zrc-sazu.si
- **Prof. Carlos Mena - Ecuador**
- cmena@usfq.edu.ec
- **Prof. Ernan Rustiadi - Indonesia**
- ernan@indo.net.id

- + 2 members newly coopted in the 2010 year:
 - **prof. H. Geist – Scotland**
 - h.geist@abdn.ac.uk
 - **Dr. Quihao Huang - P.R. China**
 - Quihao.huang@gmail.com

Old picture of land use in Prague in the beginning of 17th century (area of the Faculty of Science)



Topics studied by commission IGU/LUCC

- Global and macroregional development of land cover and climate change and its economic and environmental consequences
- Historical/ dynamic land use and land cover
- Land use in the concept of field mapping created by Stamp, Kostrowicki et al.
- Regional and local development and their influence on the LUCC
- Functional development of rural and core areas and their impact on the LUCC
- Categories and classes in LUCC and problems of their classification in land use and land cover studies
- State and development of special classes of land use (arable, grassland, built up areas, forests etc) in different regional levels
- Statistical evaluation of land use/land cover change

Island „Sovetskiy“: excursion of the IGU/LUCC meeting in Vladivostok 2009



EUGEO Bratislava 2009, lesson at Geographic institute (Slovakian Academy of Science)



Programme of activities I

- 1/ Using congresses for meeting of IGU/LUCC commission (Israel 2010, Chile 2011, Köln 2012)
- 2/ Support of regional LUCC meetings for deeper discussion about macroregional problems (Bratislava EUGEO 2009, Vladivostok 2009, India 2009, Prague 2010, etc.)
- 3/ Preparation of further Atlas of World land use, Volume 5, 6...earlier published by IGU/LUCC commission in Japan (Volumes 1- 4 prepared by Himiyama are presented here)
- 4/ Volume 5 is prepared in Prague just now (6 main articles)
- 5/ Volume 6 will be prepared in Japan again, Volume 7 next year again in Prague?

Programme of activities II

6/ Preparation of books in different forms containing main articles from IGU/LUCC meetings

7/ Some of them published earlier are shown here:

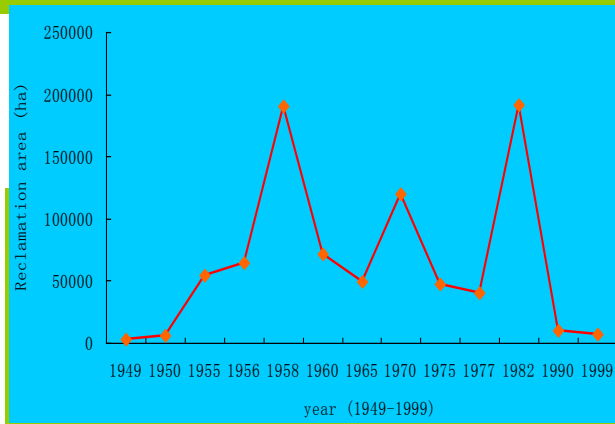
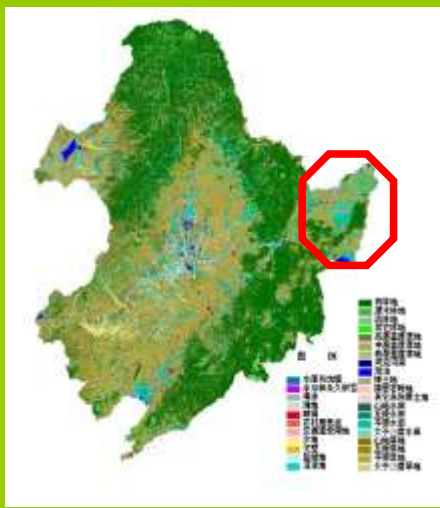
Bičík, I., Chromý, P., Jančák, V., Janů H.: Land use/ land cover changes in the period of globalization. Proceedings of the IGU-LUCC international conference Prague, 2001,

HIMIYAMA, Y., HWANG, M., ICHINOSE, T. eds. (2002): Land use changes in comparative perspective. Chapter 2. Oxford and IBH Publishing, New Delhi,

MILANOVA, E. V., HIMIYAMA, Y., BIČÍK, I. eds (2005): Understanding Land-Use and Land-Cover Changes in Global and Regional Context. Science Publisher, Enfield, New Hampshire, p. 336,

ANDEL, J., BIČÍK, I., SHAHNESHIN, DOSTAL, P., LIPSKÝ, Z. (2010): Landscape modelling, Springer Verlag, (presented here),

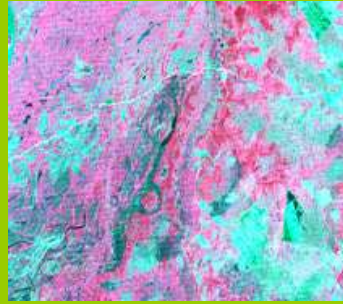
8/ Also our Prague meeting and Tel Aviv materials could be used for the offer of new book (Springer or other publishing house ?)



Reclamation area in the Sanjiang Plain

Natural wetlands

Reclaimed croplands



Data sources

1954 (a) 、 1976 (b) 、 1995 (c) 、 2005 (d)

Landscapes of marsh and croplands

IGU/LUCC Vladivostok 2009

Programme of activities III

- 9/ Preparation of IGU Newsletter
- 10/ Actualization and filling of website IGU/LUCC
<http://www.luccprague.cz/>
igu.landuse@gmail.com - adress for corresponding.
- 11/ Creation of networks with other group of scientists engaged on landscape and land use changes (ESEH, PECSRL, IALE etc.)
- 12/ Organizing and support of national meetings oriented on LUCC activity
- 13/ Collaboration with some other commissions of especially in Regional congresses of IGU (Izrael 2010, Chile 2011 etc.)

Due to some technical problems with former web hosting and old website, there was created a new IGU LUCC website – <http://www.luccprague.cz/>

There you can find up-to-date information about IGU LUCC commission activities, planned conferences and meetings, etc.

E-mail address of IGU LUCC secretariat remains the same – igu.landuse@gmail.com.

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Thank you for attention

