

PUBLICATIONS

Dubovyk, O., Tüshaus, J., Menz, G., and Khamzina, A., 2012. *Monitoring vegetation trends with the MERIS time series in arid irrigated landscapes of Central Asia*. In: Proc. *The 3rd MERIS/(A) ATSR&OLCI / SLSTR Preparatory Workshop*, October 15-19 2012 (ESA-ESRIN, Frascati).

Dubovyk, O., Menz, G., Conrad, C., and Khamzina, A., 2012. *Object-based cropland degradation identification: a case in Uzbekistan*. In: Proc. *SPIE International Symposium on Remote Sensing*, September 24-27, 2012 (Edinburgh).

Dubovyk O., Menz G., Conrad C., Kan E., Machwitz M., and Khamzina A. Spatio-temporal analyses of cropland degradation in the irrigated lowlands of Uzbekistan using remote sensing and logistic regression modeling, pp. 1-16, DOI: 10.1007/s10661-012-2904-6

Dubovyk, O., Menz, G., and Khamzina, A., 2012. Trend analysis of MODIS time-series using different vegetation indices for monitoring of cropland degradation and abandonment in Central Asia. In: Proc. *2012 IEEE International Geoscience and Remote Sensing Symposium*, 22-27 July 2012 (Munich).

Dubovyk, O., Schachtsiek, T., Khamzina, A., and Menz, G. 2012. Exploring the biophysical potential of dryland afforestation on degraded lands in the downstream of the Amu Darya River, Uzbekistan. *Earth Bioresources and Life Quality* 1(1). Further Information: <http://gchera-ejournal.nubip.edu.ua/index.php/ebql/article/view/12>

Dubovyk, O., Sliuzas R., Flacke J., 2011. Spatio-temporal modelling of informal settlements development in Sancaktepe district, Istanbul, Turkey. *ISPRS Journal of Photogrammetry and Remote Sensing* 66 (2), pp. 235-246.

Dubovyk, O., Sliuzas, R., and Flacke, J. 2010. Spatio - temporal analysis of informal settlements development: a case study in Istanbul, Turkey. In: Proc. *EARSel Joint SIG Workshop: Urban - 3D - Radar - Thermal Remote Sensing and Developing Countries*, 22-24 September 2010 (EARSel, Ghent), 11 p.

Dubovyk, O. 2010. Spatio-temporal analysis of informal settlements development. A case study of Istanbul, Turkey. Ms.c. thesis. Enschede: University of Twente, pp. 82. Further Information: www.itc.nl/library/papers_2010/msc/gem/dubovyk.pdf

CONFERENCES AND WORKSHOPS

Monitoring vegetation trends with the MERIS time series in arid irrigated landscapes of Central Asia. The 3rd MERIS/(A) ATSR&OLCI / SLSTR Preparatory Workshop, October 15-19 2012, ESA-ESRIN, Frascati, Italy.

Object-based cropland degradation identification: a case in Uzbekistan. SPIE International Symposium on Remote Sensing, September 24-27, 2012, Edinburgh, United Kingdom.

Trend analysis of MODIS time-series using different vegetation indices for monitoring of cropland degradation and abandonment in Central Asia. 2012 IEEE International Geoscience and Remote Sensing Symposium, July 22-27, 2012, Munich, Germany.

Changes in Agroecosystems nutrient stocks following afforestation of degraded irrigated cropland in Central Asia. The 4th International Congress of European Confederation of soil science societies (ECSSS), July 2-6, 2012, Bari, Italy.

Mapping Cropland Marginalisation in the Downstream of the Amu Darya River, Uzbekistan. Tropentag 2011 'Development on the margin'. October 5- 7, 2011, Bonn, Germany

Suitability of Tree Species for Afforestation of Marginalized and Abandoned Croplands in Uzbekistan. Tropentag 2011 'Development on the margin'. October 5- 7, 2011, Bonn, Germany.

Mapping Cropland Marginalisation in the Downstream of the Amu Darya River, Uzbekistan. The Geomatic Day, Geography Faculty, University of Bonn. November 09, 2011, Bonn, Germany.

Understanding current barriers and finding solutions via simplification. Participation in the debate of webinar

http://www.benwood.eu/cms/index.php?option=com_content&view=article&id=355&Itemid=343. November 17, 2010.

Methodological approach for spatial suitability assessment of degraded irrigated croplands for afforestation under the Clean Development Mechanism. Education, research and innovations in forestry and park management in the context of regional and global challenges, September 30, 2010. Kiev, Ukraine.

Spatio-temporal analysis of informal settlements development: a case study in Istanbul, Turkey. EARSeL Joint SIG Workshop: Urban - 3D - Radar - Thermal Remote Sensing and Developing Countries, September 22-24, 2010, EARSeL, Ghent, Belgium.