ESA Application
Mr Jan Jedlička
plication code: 47m67c

Title Mr **Firstname** Jan **Surname** Jedlička **Gender** male **Date of birth** 03/01/1984 **Nationality** Czech Republic **Address** Mírová 410 **Address City** Vimperk **Country** Czech Republic **Phone Mobile** 776002717 **Fax Email** jan_jedlicka@centrum.cz

Qualifications

Title of diploma Mgr. **University/Institution** Charles University, Faculty of Science **Subject** Department of Applied Geoinformatics and Cartography

Present Occupation

Present Position Ph.D. Student **Organisation** Charles University, Faculty of Science, Department of Applied Geoinformatics and Cartography **Organisation country** Czech Republic **Research field** Classicication of Remote sensing data, Remote sensing Data fusion

English Skills

English spoken good **English read** good **English written** good **English background**

Remote Sensing Knowledge

Radar skills intermediate **Optical skills** advanced **Thermal skills** notions **Remote sensing software/data used** PCI geomtaica, MATLAB (IPT tooblox), Basic of Doris soft., Landsat data, meteosat data. Arial Images

Publications/Conferences

Publications/conferences Publication J.Jedlička, M.Potůčková : Radial distortion correction in digital images, 15th Annual Konference Proceeding - Technical Compting Prague, Pratur, 2007, ISBN 987-80-7080-658-6. Hartvich, F., Jedlička, J. (2008): Progressive change of input parameters in automated floodplain delineation. AUC, Charles University in Prague. Courses EduServ6 – Laserscanning for 3D city models(2007 E-learning). Technical Cumputing Prague, Praha, , Česká republika (2007). GIS ESRI a LEICA GEOSYSTEM konference, Praha, Česká republika (2007). Remote Sensing Course Prague Oct 27 – Oct 31 2008. PROJECTS MŽP ČR VaV SM/2/57/05 „Dlouhodobé změny poříčních ekosystémů v nivách toků postižených extrémními záplavami". (Long terms changes in flood plain ecosystems affected by extreme floods). My work was focused on autamatization of flood plain delineation. FLOREO - Demonstration of ESA Environments in support to FLOod Risk Earth Observation monitoring. SUBURBANIZACE - my part in this project id detection and classification of new urban areas (around large cities) from Remote sensing data.
Referrer title Dr **Referrer firstname** Markéta

Academic Referee

Referrer surname Potůčková **Referrer Organisation** Department of Applied Geoinformatics and Cartography,Charles University, Faculty of Science **Referrer email** mpot@natur.cuni.cz **Past course participation?** yes

Motivation

Motivation Nice opportunity to deepen my Knowledge in processing of remote sensing data. Possibility to learn some new methods a discuss with other participants about their experiences with working with remote sensing data
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