

CURRICULUM VITAE

Name Alexander Ač
Position PhD student
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Education

1999 – 2004 MSc studies: Pavol Jozef Šafárik University (Košice), Faculty of
Sciences, Environmental Ecology
2004 – present Ph.D. studies: University of South Bohemia (České Budějovice),
Agricultural faculty

Academic and professional appointments:

2004 – 2005 Institute of Landscape Ecology AS CR
2005 – present Institute of Systems Biology and Ecology AS CR

Important research visits and fellowships:

April to June 2003 Sokrates Erasmus exchange programme at the Aristotle University of
Thessaloniki (Greece)
October 2006 to March 2007 – PhD fellowship – Wageningen University (Netherlands)

Selected publications

1. Ač, A., Malenovský, Z., Pokorný, R., Hanuš, J., Marek, M.: Field imaging spectroscopy investigating PRI spatial distribution of montane grassland canopy in diurnal course. In: European Geosciences Union General Assembly 2006
Vienna, Austria, April 2-7, 2006. (Poster)
2. Ač, A.: Spatial distribution of carbon sinks activity using high resolution imaging spectroscopy. In: The annual conference of PhD students, University of South Bohemia in České Budějovice, May 3-4, 2006
3. Urban O., Ač A., Kalina J., Priwitzer T., Šprtová M., Špunda V. and Marek MV.: Temperature dependences of carbon assimilation processes in four dominant species from mountain grassland ecosystem, *Photosynthetica*, **45** (3): 392-399, 2007.
4. Lichtenthaler HK, Ač A, Marek MV, Kalina J, Urban O (2007) Differences in pigment composition, photosynthetic rates and chlorophyll fluorescence images of sun and shade leaves of four tree species. *Plant Physiology and Biochemistry* **45**: 577-588

5. Ač A., Malenovský Z., Hanuš J., Marek MV: Daily courses of selected vegetation indices for chlorophyll fluorescence estimation of the montane grassland using high spatial/spectral resolution imaging spectroscopy, 3rd *International workshop on remote sensing of vegetation fluorescence*, Florence, Italy, February 2007. (Poster)