

# INTERNSHIP REPORT

## Urban Ecosystem Services in Beijing Environmental Education & Nature Experience

Name of trainee	MANTHE Julia
Home university / faculty of trainee	Technical University Dresden, Germany Faculty of Environmental Sciences
Studies of trainee	Spatial Development and Natural Resource Management (M.Sc.)
Supervisor home university	BREUSTE Jürgen (Prof. Dr.)
Supervisor in Beijing	YANG Rui (Prof. Dr.), XUE Fei (Ph.D. Candidate)
Duration	July 01, 2015 - September 15, 2015 (11 weeks)
Institution of the internship	Tsinghua University, Beijing, China School of Architecture / Department of Landscape Architecture
Contents of research	<ul style="list-style-type: none"><li>- Urban Ecosystem Services</li><li>- Environmental Education and Nature Experience</li></ul>
Aims of the internship	<ul style="list-style-type: none"><li>- Analyze approaches for the improvement of urban ecosystem services at selected sites in the city Beijing</li><li>- Discussion of the role of environmental education and nature experiences in regard to a sustainable improvement of the environment</li></ul>

Within the time of July to September 2015 I had the chance to spent eleven weeks in Chinas capital Beijing. The internship was arranged at the School of Architecture at Tsinghua University - one of the most famous Chinese universities. Thanks to the support of Prof. Breuste as well as the local cooperation with Xue Fei and a team of Chinese students we successfully dealt with the topic of the available ecosystem services at four selected sites in the municipal area.

Within the bounds of our work we prepared and conducted a survey to understand the local social conditions and those circumstances that may explain the behavior of the society in terms of nature and environment. In addition to this and to get used to behavioral patterns observations were carried out at the research areas. Aside from this portion of our work we also developed and attempted a method to map and describe the current vegetation structures in regard to the existing biodiversity and the green volume.

Additionally, I got in touch with the issues nature experience and environmental education which may provide the basic knowledge for an environmental-friendly and sustainable lifestyle, if it is proceeded in future. With the help of questionings I succeed in getting peoples view of the current situation of environmental challenges in China and their personal behavior in regard to their immediate environment.

Thanks to the variety of methods, the usage of English in an international and academic context and the intense cooperation of people with different cultural backgrounds and ways of thinking the internship opens new perspectives. Not only concerning the contents of our work, but also in regard to my personal development and maturation.