FAMILY NAME:	Ye	**FIRST NAME:**	Zhiwei
GENDER:	Male		
PROGRAM:	Environment and Resources, the Nelson Institute for Environmental Studies		
ADDRESS:	Rm144, Enzyme Institute, 1710 University Ave.		
	Madison, WI, 53726.		

EDUCATION

Sep 2002 ~ Jun 2006, B.Sc., Geographical Information System, Department of Urban Resources (currently named Department of Geographi Information Science,   School of Geographic and Oceanographic Sciences), Nanjing University, China

Sep 2006 ~ Jun 2009, Graduate Student (M.Sc.), Cartography and Geographical Information System, College of Resource Environment and Tourism,
Capital Normal University, China

Sep 2009 ~ present, Graduate Student, Environment and Resources, the Nelson Institute for Environmental Studies,
University of Wisconsin-Madison

PROFESSIONAL EXPERIENCE

Sep, 2009 ~ present   UNIVERSITY OF WISCONSIN-MADISON, MADISON, WI, U.S.A.

Research Assistant
> Center for Sustainability and the Global Environment, UW-Madison
> Research Assistant of Prof. Schneider

Teaching Assistant
> Envir. St. 301 -- Introduction to environmental remote sensing (Fall 2011)

Conference   Poster Presentation, ASPRS 2011, Milwaukee, WI, May, 2011.

Student Hourly
> Remote sensing technician in Great Yellowstone Ecosystem Project (Summer 2012 ~ present)

Sep, 2006 ~ Jun, 2009   CAPITAL NORMAL UNIVERSITY, BEIJING, CHINA

Study&Research	College of Resource Environment & Tourism
	Key Lab of Resource Environment & GIS, Beijing Municipal
	Key Lab of 3D Information Acquisition & Application, Ministry of Education
Focus in Thesis Project	Relations between distribution of high-rise building clusters and urban thermal landscape
2006 ~ 2007	Wetland Information System of Beijing. I was in the GIS developing group. We used VB.NET 2003 and ArcEngine as development tools.

2007	Monitoring, simulation and forecast of Urban Heat Island in Beijing and surrounding region using remote sensing. We used satellite remote sensing to study regional differences of thermal environment.
2007	Beijing 3D visualization of environmental monitoring information. We used Visual C++ and OpenGL to fulfil the 3D visualization and modeling.
2007 ~ present	Subtask in Risk monitoring and evaluation of Beijing emergent source performance of ground water (863 National High-Tech R&D Program). We used thermal infrared remote sensors in different spatial resolutions to work out thermal patterns in the study area.
Conference	Poster Presentation, Geoinformatics'2008 (16th International Conference on Geoinformatics and the Joint conference on GIS and Built Environment), CPGIS, June, 2008.

Sep, 2002 ~ Jun, 2006   NANJING UNIVERSITY, NANJING, CHINA

Study	Department of Urban Resources (currently named School of Geographic and Oceanographic Sciences).
Practices	
Jun, 2003	Practice in Geology, Tangshan and Suzhou, Jiangsu Province. It was a geological field work hold in two regions of Jiangsu Province. We studied several typical geological structures and learnt to discriminate strata and lithology.
Aug ~ Sep, 2003	Practice in Geography, Mt. Lu Shan and Poyang Lake, Jiangxi Province. It was a comprehensive geographical field work hold in Jiangxi Province consisted of physical geography and human geography. Mt. Lu Shan owns many typical natural landforms(including glaciated landform) and Poyang Lake is the biggest freshwater lake in China. We studied several geographical phenomena there.
Jun ~ Dec, 2005	International Institute for Earth System Science, Nanjing University.Study of surface temperature retrieval, quantitative remote sensing, and remotely-sensed data processing.

COMPUTER SKILLS AND SOFTWARES

Language:	IDL, MATLAB, R, C/C++, VB/VB.NET, python, java and LaTeX, SQL, VRML, HTML/CSS/javascript
Professional Software:	ENVI, ERDAS IMAGINE, ArcGIS, MapInfo, MATLAB , Surfer, eCognition, Modtran, 6S, Google Earth Pro
Other Software:	MS Access, Excel, PowerPoint, Word, Adobe Illustrator, Paint
OS Experience:	Windows XP/7, Linux, Mac OS X

LANGUAGES

Chinese (Mandarin):   Excellent.   Dialects (Cantonese):   Excellent.

English: Good in listening, reading and writing abilities, fluent in speaking.