

Daijiang Li

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Curriculum Vitae

"Go for the messes – that's where the action is." – Steven Weinberg

EDUCATION OBJECTIVE: Ph.D degree in EEB

- 2008-Present **Master of Science (MSc.) in Restoration Ecology**, School of Life Sciences, Sun Yat-Sen University (SYSU), GRE scores (Jun 2010): Verbal 610 (88%), Quantitative 800 (94%), Analytical 3.0 (10%), ibt-TOEFL scores (Sep 2010): 106/120.
- 2004-2008 **Bachelor of Science (BSc.) in Ecology**, School of Life Sciences, Yunnan University (YNU), Over all GPA: 84.4/100, Major GPA (Ecology-related courses) 87/100.

HONORS

- 2010 **Education Scholarship for Graduate Student (Fellowship)**, SYSU, China.
- 2009 **Education Scholarship for Graduate Student (Fellowship)**, SYSU, China.
- 2009 **Excellent prize of presentation in English**, SYSU, China.
- 2008 **Second Award of National Scholarship**, YNU, China.
- 2007 **Second Award of Donglu Scholarship**, YNU, China.
- 2006 **Second Award of Donglu Scholarship**, YNU, China.

EXPERIENCE

RESEARCH

- Jun.2009-Present **Independent research**, *I am using the litter-bag method to characterize leaf litter decomposition rates on soil surface with varying degrees of evenness, in the context of increasing dominance of climbing plants in tropical forests*,
 - Explore relationships between leaf litter evenness and decomposition rates
 - Understand consequences of increasing dominance of climbing plants in tropical forests for regional carbon cycling.
- Jan.2010-Sep.2010 **Coauthor of a National Natural Science Foundation of China (NSFC) grant proposal**, *The role of plant functional group identity and diversity in resisting exotic plant species invasion*, No.31030015, ¥1,900,000,
 - Learned how to write grant proposals
 - Learned how to apply grants.
- Jul.2009-present **Core member in a Natural Science Foundation of Guangdong Province**, *The mechanisms of native invasion in the context of global change*,
 - Enlarged the definition of biological invasion
 - Explored differences of resource utilization efficiency between non-native and native invaders.
- Mar.2009-present **Group member in a Guangdong Province Forest Science Project**, *Restoration of forests which have been damaged by the snow storm of 2008*,
 - Chose the position of experimental plots
 - Conducted vegetation survey in experimental plots
 - Accelerated restoration of damaged forest ecosystem by several measures.
- Apr.2009-Jun.2009 **Group member in a NSFC project**, *The restoration of degraded watershed ecosystem of the Pearl River*,
 - Applied ecological theories to practice of restoration.

- Apr.2009 **Group member in translating and publishing the Chinese version of the book** *Brian Walker and David Salt, Resilience Thinking: Sustaining Ecosystems and People in a Changing World. Island Press, USA. ISBN: 9781597260930*
- Dec.2008 **Group member in a Danxia Mountain Project funded by China's application for the world natural heritage**, *Identify characteristics of the Danxia Mountain's ecosystem and biological diversity*,
 • Identified and recorded organisms in experimental plots
 • Analyzed data and wrote research report.
- Nov.2008- **Group member in a Popular Scientific Writing Project about Global Change**,
 Jan.2009 *Global Change – Have you felt it?*, Wrote a chapter about five past mass extinctions and the situation of extinction nowadays in the book.
- Jul.2007 **Ecological Internship, Yunnan Province (A global biodiversity hotspot), China**,
 • Been familiar with ecological research stations
 • Learned how to identify plant species.
- 2006 **Leader of a four-people group in water quality monitoring of Dian Lake, YNU.**

ACADEMIA

- Jul.2010 **Low Carbon Development Symposium of Guangzhou, Guangzhou, China.**
- Nov.2009 **23rd New Phytologist Symposium: Carbon Cycling in Tropical Ecosystems, Guangzhou, China**, Organized by New Phytologist Trust.
- Jul.2009 **National Summer School of Biodiversity for Postgraduates & ACCENT(The European Network of Excellence in Atmospheric Composition Change) Workshop, Guangzhou, China.**

TEACHING

- Sep.2010- **Teaching Assistant for Restoration Ecology, School of Life sciences, SYSU.**

PUBLICATION

PEER-REVIEWED PUBLICATION

Bosun Wang, Shaolin Peng, **Daijiang Li**, Ting Zhou. Research progress on *Merremia boissiana*. Chinese Journal of Ecology, 2009, 28(11):2360-2365. *(In Chinese with an English abstract)*

MANUSCRIPTS IN PREPARATION

Daijiang Li, Shaolin Peng. Increased dominance of climbing plants influences litter decomposition process. *in prep.*

RESEARCH INTERESTS

Biodiversity and Ecosystem Functioning, Community Dynamics, Species Abundance, Species Invasion, Global Change Biology, Statistical Learning

COMPUTER SKILLS

R, SPSS, Meta-Win, L^AT_EX, JabRef, EndNote, Microsoft Office