

Curriculum Vita

Personal Information

Name: Wang Weibo Sex: Male
Date of Birth: 1/10/1980 Place of Birth: Shandong Province, China
Nationality: Chinese
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Education Information:

Institute of Hydrobiology, Chinese Academy of Sciences, Wuhan, China
Ph.D., Environmental Science, 2004-2009
Department of Life Sciences, Shandong Normal University, Jinan, China
Bachelor, Biological Sciences, 2002-2004
Department of Life Sciences, Jining University(Jining Teacher's College), Jining, China
Biology Education, 1999-2002

Work experience:

Wuhan Botanical Garden, CAS, 2009---Now

Research areas:

Biological soil crusts; microalgal mass-culture; cyanobacterial inoculation for desert control; microalgal biodiesel

Publications:

Effects of freeze-thaw cycles on the Hydraulic conductivity, stabilization and C and N release of biological soil crusts in northern China (in preparation)
Dou Xiaolin, Deng Qi, Li Ming, Wang Weibo, Zhang Quanfa, Cheng Xiaoli. Reforestation of *Pinus massoniana* alters soil organic carbon and nitrogen dynamics in eroded soil in south China. *Ecological Engineering*, 2013, 52: 154-160.
Wang Weibo, Wang Yingcai, Shu Xiao and Zhang Quanfa. Physiological responses of soil crust-forming cyanobacteria to diurnal temperature variation. *Journal of Basic Microbiology*, 2013, 53: 72-80.
Rao Benqiang, Liu Yongding, Lan Shubin, Wu Peipei,Wang Weibo, Li Dunhai. Effects of sand burial stress on the early developments of cyanobacterial crusts in the field. *European Journal of Soil Biology*, 2012, 48, 48-55.
Shu Xiao, Yin Liyan, Zhang Quanfa, Wang Weibo. Effect of Pb toxicity on leaf growth,

- antioxidant enzyme activities, and photosynthesis in cuttings and seedlings of *Jatropha curcas* L. *Environmental Science and Pollution Research*. 2012, 19(3): 893-902. (Corresponding author).
- Wang Weibo, Cheng Xiaoli, Zhang Quangfa. Safety of microalgal biofuel's coproducts. *Science (E-letters)* Feb 7, 2011.
- Wang Weibo, Zhang Quanfa. Research progress in the theory and technology of large-scale cultivation of energy plants. *Chinese Bulletin of Life Sciences*. 2011, 22(12): 1271-1276. (in Chinese)
- LI Hua, Wang Weibo, Liu Yongding, Xu Aihua, Li Dunhai, Shen Yinwu. The development of microalgae biodiesel and the utilization of oleaginous microalgae. *Renewable Energy Resources*. 2011, 29(4): 85-89. (in Chinese)
- Wang Weibo, Rao Benqiang, Sen Yinwu, LI Dunhai and Liu Yongding. Temperature tolerance of three sand-consolidating cyanobacterial strains. *Acta Hydrobiologica Sinica*. 2010, 34(3): 489-494. (in Chinese)
- Wang Weibo, Liu Yongding, Li Dunhai, Hu Chunxiang, Rao Benqiang. Feasibility of cyanobacterial inoculation for biological soil crusts formation in desert area. *Soil Biology and Biochemistry*. 2009, 41: 926-929.
- Rao Benqiang, Liu Yongding, Wang Weibo, Hu Chunxiang, Li Dunhai, Lan Shubin. Influence of dew on biomass and photosystem II activity of cyanobacterial crusts in the Hopq Desert, northwest China. *Soil Biology and Biochemistry*. 2009, 41: 2387-2393.
- Rao Benqiang, Wang Weibo, Lan Shubin, Li Dunhai, Hu Chunxiang, Liu Yongding. Development Characteristics and Distribution of Microorganisms within 3 years old artificial algal crusts in Hobq Desert. *Acta Hydrobiologica Sinica*. 2009, 33: 937-944. (in Chinese)
- Yang Cuiyun, Wang Weibo, Li Dunhai, Liu Yongding. Growth and Antioxidant System of *Escherichia coli* in Response to Microcystin. *Bull Environ Contam Toxicol*. 2008, 81:427-431.
- Wang Weibo, Yang Cuiyun, Tang Dongshan, Li Dunhai, Liu Yongding, Hu Chunxiang. Effects of sand burial on biomass, chlorophyll fluorescence and extracellular polysaccharides of man-made cyanobacterial crusts under experimental conditions. *Science in China Series C: Life Sciences*. 2007, 50: 530-534.
- Tang Dongshan, Wang Weibo, Li Dunhai, Hu Chunxiang, Liu Yongding. Effects of Artificial Algal Crust on Soil Enzyme Activities of Hopq Desert, China. *Acta Hydrobiologica Sinica*. 2007, 31: 339-344. (in Chinese)

Hobbies: Traveling; cooking

Travel history:

Travelling with: