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陈槐，博士，教授，博士生导师。2003 年重庆大学获得环境工程专业学士学位和英语专业学士学位；2008 年中国科学院成都生物研究所植物学博士学位，荣获中国科学院朱李月华优秀博士生奖及中国科学院优秀毕业生奖。2008 年至2012 年先后在重庆大学、加拿大麦吉尔大学、魁北克大学进行博士后研究，其间获得中国博士后基金一等资助奖励，中加交换学者项目资助和重庆大学“优秀博士后”称号。先后入选陕西省“科技新星”，教育部“新世纪人才”。现任中国林学会青年委员会常务委员；Acta Ecologica Sinica (The international journal)客座编辑；美国湖泊与海洋学会Raymond L. Lindeman Award 委员会委员；多个国际刊物审稿人：Atmospheric Environment, Ecological Engineering, Canadian Journal of Forest Research, Environment Monitoring and Assessment, Journal of Plant Ecology, Soil Science and Plant Nutrition, Arid Land Research and Management等。在包括PNAS, Nature Climate Change, Global change Biology等刊物上发表了论文40 余篇，其中SCI 论文37 篇（第一及通讯作者论文20篇）。申请人的学术贡献及创新点表现为在全球变化生态学前沿领域开展了创新性的研究，并在湿地温室气体

排放、碳氮生物地球化学循环、土壤微生物生态学等方面取得了一系列的研究成果。

代表性论文如下（*为通讯作者）：

1. ***Chen H.**, Zhu, Q., Peng C., Fang X., Wu N., Wang Y., Jiang H., Xiang W., Deng X., Chang J., Yu G., 2012. Methane Emissions from rice paddies, natural wetlands, and lakes in China: Synthesis and New Estimate. *Global Change Biology*, DOI:10.1111/gcb.12034

2. **Chen H.**, Yin K., Wang H., Zhong S., Wu N., Shi F., Zhu D., Zhu Q., Wang W., Ma Z., Fang X., Li W., Zhao P., Peng C. 2011. Detecting one-hundred-year environmental changes in Western China using seven-year repeat photography. *PloS One*, DOI: 10.1371/journal.pone.0025008.

3. ***Chen H.**, Zhu Q., Wu N., Wang Y., Peng C. 2011. Delayed spring phenology on the Tibetan Plateau may also be attributable to other factors than winter and spring warming. *Proceedings of National Academy of Sciences USA*, 108, E93, DOI: 10.1073/pnas.1100091108

4. ***Chen, H.**, Wu, Y.Y., Yuan, X.Z., Gao, Y.H., Wu, N., Zhu, D., 2009. Methane Emissions from Newly Created Marshes in the Drawdown Area of the Three Gorges Reservoir. *Journal of Geophysical Research*, 114, D18301, DOI: 10.1029/2009JD012410

5. **Chen, H.**, Wu, N., Yao, S.P., Gao, Y.H., Zhu, D., Wang, Y.F., Xiong, W., Yuan, X., 2009. High Methane Emissions from a Littoral

Zone on the Qinghai-Tibetan Plateau. *Atmospheric Environment*, 43, 4995-5000

6. ***Chen, H.**, Wu, N., Yuan, X.Z., Gao, Y.H., Zhu D., 2009. Aftermath of the Wenchuan Earthquake. *Frontiers in Ecology and the Environment*, 7: 72-72.

7. ***Chen, H.**, Yao, S.P., Wu, N., Wang, Y.F., Luo, P., Tian, J.P., Gao, Y.H., 2009. Spatial variations on methane emissions from an alpine wetland in Zoige Plateau in two important phenological seasons. *Science of the Total Environment*, 407, 1097-1104

8. ***Chen, H.**, Yao, S.P., Wu, N., Wang, Y.F., Luo, P., Tian, J.Q., Gao, Y.H., 2008. Determinants influencing seasonal variations of methane emissions from alpine wetlands in Zoige Plateau and their implications. *Journal of Geophysical Research* 113, DOI: 10.1029/2006JD008072

9. Tian J.†, **Chen H.**†, Dong X., Wang Y. 2012. Relationship between archaeal community structure and vegetation type in a fen on the Qinghai-Tibetan Plateau, *Biology and Fertility of Soils* 48, 349-356 (†contributing equally)

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