

NCC Member Focus

You can't help but feel energized after speaking with Maohong Fan ~ even if it's over the phone! An NCC member since 2014, Maohong has actively supported the NCC, presenting a paper at the Council's coal conversion forum and sponsoring NCC meetings. Thank you for your support!

Maohong Fan is a School of Energy Resources Professor in the Departments of Chemistry & Petroleum Engineering at the University of Wyoming (UW). He is also an adjunct faculty member in the School of Civil and Environmental Engineering at Georgia Institute of Technology. Since finishing his B.S. education in Chemical Engineering, Maohong has always emphasized the synergy of work and study. He routinely did additional coursework and research to acquire new knowledge in different areas while employed at universities.

Maohong earned his PhD in Environmental (Eng.) Chemistry in 1997, PhD in Mechanical Engineering in 2000 and PhD in Mechanical Engineering from the Chinese Academy of Sciences, Iowa State University and Osaka University, respectively. He has edited and authored more than 250 books, book chapters, journal special issues, and journal papers.

Maohong is a member of NCC, ACS, AIChE, ASCE, and AAAS. He has taught and co-taught a number of courses associated with chemical and environmental engineering as well as energy production. As a PI/PD or Co-PI, he has led and/or worked on numerous grants that were supported by various domestic and international governmental and nonprofit funding agencies such as UNDP, NEDO in Japan, NSF, DOE, EP, USDA and USGS, as well as by large international industrial companies such as Siemens, Caterpillar, Alliant Energy.

Maohong has led many R&D projects in the past. A lot of his projects have been related to clean coal technology development. He has won a number of teaching and research awards. His publications and presentations have been honored or awarded by various entities such as ACS, Elsevier, and NSF.

Maohong has served in various capacities for many journals such as Associate Editor-J. Environ. Eng./ASCE, Chem. Eng. J./Elsevier, Crit. Rev. in Env. Sci. Tech./Taylor; Guest Editor-J. Phys. Chem. A/ACS, Energ. Fuel./ACS.

Maohong has supported and supervised many visiting professors, postdocs and research scientists, and graduate students. Currently, he has 42 members in his research group.



DR. MAOHONG FAN

ASSOCIATE PROFESSOR

SCHOOL OF ENERGY RESOURCES

UNIVERSITY OF WYOMING

The School of Energy Resources (SER) at the University of Wyoming (UW) was created in 2006 to enhance the university's energy-related education, research and outreach. SER directs and integrates cutting-edge energy research and academic programs at UW and bridges academics and industry through targeted outreach programs.

SER's mission is to promote development of the human resources and know-how required to solve critical energy challenges faced by society. SER promotes interdisciplinary academic, research and outreach programs in engineering, science, economics and environmental policy in fulfillment of Wyoming's vision and promise to be a global leader in building a secure and sustainable energy future.

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**School of
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