

Changes and Challenges in Environmental Engineering Education: BS vs MS, ABET, BOK, Sustainability,

AEESP 2009 Conference

Sunday July 26, 2009

Time 1:30 to 4:30

University of Iowa

Workshop Objectives: Environmental engineering & science education faces a number of changes and challenges, in part due to the rapid boom of Environmental Engineering Bachelor of Science degree programs, which have more than doubled in the past decade. In the mean time, the number MS students at many programs has decreased, presenting a change in the education for those entering the profession. In the mean time “sustainability” has blossomed, and this is a new challenge outside the traditional core areas. Many new programs are also facing initial ABET accreditation or preparing for reaccreditation. ABET accreditation processes are also rapidly evolving and the recent efforts to establish a Body of Knowledge (BOK) will further alter the accreditation process.

Presentation and Discussion of the Changes in BS and Environmental Engineering Programs

Joel G. Burken – *Missouri University of Science & Technology*

Presentations on the ABET Process and current version of the Body of Knowledge (BOK)

Susan Powers - *Clarkson University*

Mark Fitch – *Missouri University of Science & Technology*

Panel Discussion on Sustainability in Environmental Engineering Education

Cliff Davidson – *Carnegie Mellon University*

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Registration Process: Workshop participants should send their current contact information and a 150-250 word statement describing their reasons for wishing to participate in the workshop to **Joel Burken (burken@mst.edu)** by **May 1, 2009**. Workshop attendance will be limited to 30 participants. Confirmation of registration in the workshop will be sent to participants by June 1.

Workshop output will be in a published report by the Educational Committee