

**Abbreviate Vitae - Bruce C. Coull** (*bccoull@sc.edu*)

**Academic Title:**

Dean, School of the Environment & Carolina Distinguished Professor of Marine & Biological Sciences, University of South Carolina, Columbia, SC 29208

**Professional Preparation:**

Moravian College, Bethlehem, PA, Biology, BS, 1964

Lehigh University, Bethlehem, PA, Biology, MS (1966), Ph.D. (1968)

Duke University Marine Laboratory, Beaufort, NC, Postdoctoral Fellow (1968-1970)

**Appointments:**

1996-            Dean, School of the Environment, University of South Carolina  
1994            Visiting Professor in Marine Science, University of Queensland, Brisbane, Australia.  
1982-1994      Director, Marine Science Program, University of South Carolina  
1982-1984      Chairperson, Division of Invertebrate Zoology, Amer. Soc. Zoologists  
1981            Senior Fulbright Fellow, Victoria University, Wellington, New Zealand.  
1974-1975      Chairman, International Association of Meiobenthologists  
1973-           Associate Professor, Professor (1978- ), Carolina Distinguished Professor (1986 - ),  
                    Biological and Marine Sciences, University of South Carolina, Columbia, SC  
1970 –1973     Assistant Professor of Zoology, Clark University, Worcester, MA

**10 Representative Publications ( Of 122 total)**

Jerman, PL, **BC Coull**, AW Elzerman, & M. G. Schmidt. 2003. South Carolina Sustainable Universities Initiative. *In: Strategies for Sustainability: Stories from the Ivory Tower.* P. Barlett and G. Chase (ed.). MIT Press, Boston, MA.

**Coull, BC**, PL Jerman, AW Elzerman & MG Schmidt. 2003. The South Carolina Sustainable Universities Initiative: A multi-institutional, multifaceted approach to educating for sustainability. *J. Sustainability Higher Education*

Schizas, NV, GT Chandler, **BC Coull**, SL Klosterhaus, & JM Quattro. 2001. Differential survival of three mitochondrial lineages of a marine benthic copepod exposed to a pesticide mixture. *Environmental Science & Technology*, 35: 535-538

**Coull, BC** 1999. Role of meiofauna in estuarine soft-bottom habitats. *Australian J. Ecology* 24: 327-343

Street, GT, **BC Coull**, GT Chandler and DM Sanger. 1998. Predation on meiofauna by juvenile spot (*Leiostomus xanthurus* Pisces) in contaminated sediments from Charleston Harbor, South Carolina, USA. *Mar. Ecol. Prog. Ser.*, 170: 261-268

DiPinto, LM & **BC Coull**. 1997. Trophic-transfer of sediment-associated polychlorinated biphenyls from meiobenthos to bottom-feeding fish. *Environ. Toxicol. Chem.*, 16(12): 2568-2575

**Coull, BC** & GT Chandler. 1992. Pollution and meiofauna: Field, Laboratory and Mesocosm studies. *Oceanogr. Mar. Biol. Ann. Rev.*, 30: 191-271.

**Coull, BC** 1990. Are members of the meiofauna food for higher trophic levels? *Trans. Amer. Micros. Soc.*, 109: 233-246.

Edwards, D. & **BC Coull**. 1987. Autoregressive trend analysis: An example using long-term ecological data. *Oikos*, 50: 95-102.

**Coull, BC**. 1972. Species diversity and faunal affinities of meiobenthic Copepoda in the deep sea. *Marine Biology*, 14: 48-51.

### **Synergistic Activities:**

1999- present - Statewide coordinator of South Carolina's Sustainable Universities Initiative, a multifaceted, multi-university attempt to educate every college/university student in South Carolina on the fragileness of the earth and to effect sustainable behavior by the institutions.

2001 – Founding participant of the national Council of Environmental Deans and Directors of the National Council of Science and the Environment. Serve on Program committee.

1998-present – Appointed as one of two academics to Governor's Task force on Natural Resource Management for the state of South Carolina. Charge is to plan ways to protect South Carolina's resources

1996-present – Appointed Dean of the University's new School of the Environment. Charged with facilitating interdisciplinary research, teaching and outreach across 9-campus system.

1973- present – served on multiple national review teams; as consultant to European Economic community on marine pollution and benthos; chair of several national, international professional societies

### **Educational Impact:**

***Thesis Advisor of:*** Coull has been director of **24 MS Theses, 14 Ph. D. dissertations**, and **44 undergraduate** student research projects. All the graduate degree awardees are listed at: [http://www.biol.sc.edu/~coull\\_lab](http://www.biol.sc.edu/~coull_lab). Those past graduate students involved in research are: Susan Bell (Univ. South Florida); Carol Couch (USGS-Atlanta); Lisa DiPinto (NOAA); Stuart Findlay (Institute of Ecosystem Studies); John Fleegeer (LSU); Darcy Lonsdale (SUNY-Stony Brook); Roberta Marinelli (Chesapeake Biological Lab); Paul Montagna (Univ. Texas); Margaret Palmer (Univ. Maryland); Susan Rees (US Army Corps of Engineers-Mobile); Denise Sanger (SC Dept. of Natural Resources – Charleston); Nikolaos Schizas (Univ. Chicago); L. David Smith (Northeastern Univ.); Regina Wetzler (Los Angeles County Museum); Judith Williams (Univ. S. Mississippi); Erik Zobrist (NOAA)

***Post-doctoral Mentor to (5 total):*** Gregory T. Street (1996-1998) and Joseph L. Staton (1998-present)

***Teaching:*** Has taught approximately 6000 students in introductory Environmental and Marine Science course. Has taught multiple graduate courses in Marine /Estuarine biology, sustainability & zoology.