

Program Administration/Management Description

State: Delaware

Director: J. Thomas Sims
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Administrative Personnel: Boyd, Amy
Program Coordinator
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Program and Management Overview

Program and Management Overview Overview: The Delaware Water Resources Center (DWRC) research, education and information transfer programs focus on issues of state and regional importance to both water quality and water quantity. The long-term priority areas of the DWRC are programs and projects that address: (i) Nonpoint source pollution of ground and surface waters. (ii) Water supply and demand. (iii) Preservation and protection of aquatic ecosystems. Program Administration: The DWRC director is a faculty member at the University of Delaware who is appointed by the Dean of the university's College of Agriculture and Natural Resources. A part-time program coordinator assists the DWRC Director in administering and managing all DWRC projects. Limited secretarial assistance is provided by the director's home department. Priority areas for research, education, and information transfer are identified by a 16-member DWRC Advisory Panel that contains representatives from state water resource agencies, USGS, the University of Delaware, Delaware State University, and individuals representing organizations or groups with interest and activities in the area of water resources. Each DWRC Advisory Panel member is appointed by the DWRC Director and serves a five-year, non-renewable term. The Advisory Panel also participates in the review and ranking of research projects supported by the DWRC and provides advice and input on other DWRC programs as needed (e.g., the Advisory Panel assists in the ranking of applicants for undergraduate internships). Program Priority Areas: The DWRC Advisory Panel has identified five specific areas for near-term DWRC efforts: (1) Agricultural nutrient management and water quality. (2) Basic and applied research on sources, fate, and transport of water pollutants. (3) Quantifying response of aquatic ecosystems to pollutant inputs. (4) Water supply, demand, and conservation, as affected by changing land uses and climate (5) Management and control of stormwater runoff. Projects for FY 2003: The FY2003 DWRC Program includes the following components: (1) Graduate fellowship program in water resources: two graduate fellowships in water quality will be supported until May 31, 2003 (see specific research projects for details). Two new graduate fellows will begin projects in the summer or fall of 2003. Project selection by the DWRC's Advisory Panel for the three new Ph.D. fellows will take place in the May of 2003. (2) Undergraduate student internship program in water resources: a competitive internship program is supported by the DWRC each year. In past years, 4-6 undergraduate students have been fully or partially supported by the DWRC for a period of 3-6 months. In 2003 we will expand our internship program because we will receive direct financial support from five units at the University of Delaware (College of Agriculture and Natural Resources, College of Engineering, College of Marine Studies, Delaware Geological Survey, Delaware Water Resources Agency) to establish jointly sponsored internships focusing on specific water resource areas (e.g., water resources engineering, water quality, marine science, water resource policy,

hydrogeology). All interns must conduct an independent project in cooperation with a faculty advisor, prepare a written report on their project, and present their results at an undergraduate research conference held in the spring of each year. (3) Information Transfer Program: One of the major ongoing activities of the DWRC is to disseminate information on water resources to all interested individuals in Delaware and other states. The DWRC has recently upgraded its website to facilitate this and also does bi-annual publication of its newsletter which is distributed to approximately 500 individuals and organizations in the state. In 2002 we upgraded our e-mail list-server to a monthly electronic newsletter ("DWRC Water E-News") and expanded our distribution list to include not only all water-related faculty and staff at the University of Delaware but also individuals in state and federal agencies, and local/regional water organizations. The "Water E-News" is used to rapidly distribute information on new publications, upcoming meetings, grant proposals, etc. to interested individuals. We have also established a formal link with the University of Delaware's undergraduate research program to distribute information to interested students about opportunities for water resources research.

Budget Breakdown

Project Number: 2003DE-ADMIN

Project Title: Program Administration Project

Cost Category	Federal	Non-Federal	Total
Salaries and Wages			
-Principal Investigator(s):	12917	5129	18046
-Graduate Student(s):	0	0	0
-Undergraduate Student(s):	0	0	0
-Others: Program Coordinator	10000	27378	37378
-Total Salaries and Wages:	22917	32507	55424
Fringe Benefits	4322	8939	13261
Supplies	1895	0	1895
Equipment	0	0	0
Services or Consultants	0	0	0
Travel	500	0	500
Other Direct Costs	20100	25210	45310
Total Direct Costs	49734	66656	116390
Indirect costs on federal share	XXXXXXXXXX	14583	14583
Indirect costs on non-federal share	XXXXXXXXXX	19331	19331
Total Estimated Costs	49734	100570	150304
Total Costs at campus of the University on which the Institute or Center is located.	0	0	0
Total Costs at other University Name of University:	0	0	0

Budget Justification

Project Number: 2003DE-ADMIN

Project Title: Program Administration Project

<p>Salaries and Wages. <i>Provide estimated hours and the rate of compensation proposed for each individual. (Tuition remission and other forms of compensation paid as or in lieu of wages to students performing necessary work are allowable provided that the tuition or other payments are reasonable compensation for the work performed and are conditioned explicitly upon the performance of necessary work.)</i></p>
<p>Salaries and wages are compensation for institute director, program coordinator (paid as miscellaneous wage), and clerical help.</p>
<p>Fringe Benefits. <i>Provide the overall fringe benefit rate applicable to each category of employee proposed in the project.</i></p>
<p>Fringe benefits are calculated at 27.5% of the Director's salary and the non-federal match salaries, and at 7.7% of the program coordinator's wages.</p>
<p>Supplies. <i>Indicate separately the amounts proposed for office, laboratory, computing, and field supplies.</i></p>
<p>Supplies are expenses associated with administration of the program (e.g., miscellaneous office and computing supplies) or the annual conference and seminars</p>
<p>Equipment. <i>Identify non-expendable personal property having a useful life of more than one (1) year and an acquisition cost of more than \$5,000 per unit. If fabrication of equipment is proposed, list parts and materials required for each, and show costs separately from the other items.</i></p>
<p>None</p>
<p>Services or Consultants. <i>Identify the specific tasks for which these services would be used. Estimate amount of time required and the hourly or daily rate.</i></p>
<p>None</p>
<p>Travel. <i>Provide purpose and estimate costs for all travel.</i></p>
<p>Travel to annual NIWR meeting in Washington, D.C. and to meeting within Delaware.</p>
<p>Other Direct Costs. <i>Itemize costs not included elsewhere.</i></p>
<p>Undergraduate internship program (\$18,000) and funds to support undergraduate water resources research conference (\$750), NIWR dues (\$1,350), and miscellaneous supplies and expenses for the DWRC (\$1,895).</p>
<p>Indirect Costs. <i>Provide indirect cost rate.</i></p>
<p>29%</p>