

CONTENTS

Executive Summary	1
I. Introduction	3
II. Discipline-Specific, Multidisciplinary, and Integrated Science in FISC	4
III. FISC Science Goals.....	7
IV. FISC Core Capabilities and Continued Science Excellence.....	8
Agricultural and Urban Impacts on Water Quantity, Water Quality, and Ecosystems.....	8
Conservation Science	10
Contaminants, Pathogens, and Other Environmental Stressors	11
Ecosystem History and Climate Change.....	12
Ecosystem Restoration Studies	13
Effects of Invasive Species	14
Interaction among Ground Water, Surface Water, and Ecosystems.....	14
Natural Hazards and Associated Coastal Processes	16
Water Quality and Availability.....	17
V. New Science Directions.....	18
Linking Earth Sciences to Human Health.....	18
Modeling Techniques	18
New Geographical Areas	19
New Scales	20
New Technologies.....	20
Superstations	21
References.....	21
Appendix 1. Charge to Science Council.....	22
Appendix 2. Definitions of Discipline Integration	23
Appendix 3. Fiscal Year 2004 Cooperator List for FISC	24
Appendix 4. Background Documents.....	26

FIGURES

1. Offices of the Florida Integrated Science Centers (FISC)	3
2. World map showing field areas of FISC researchers.....	4
3. Flow chart of FISC Science Plan	4
4. Distribution of FISC research dollars among the three levels of integration in FY03.....	5
5. Distribution of FISC FY03 funding by Discipline and level of integration.....	5
6. Example science topics, associated data needs, and integrative activities.....	10
7. Photograph of green mollusk (<i>Perum viridis</i>).....	14
8. Map showing geographic areas designated as priority sites for new science efforts.....	19

TABLE

1. Intersections between FISC and Eastern Region science priorities	9
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In this chapter, we focus on integration of remote sensing and GIS. Our definition of integration includes the use of each technology to benefit the other, as well as the application of both technologies, in concert, for modeling and decision-support. The discussion will range from consideration of simple visualization to data extraction and database development, and analyses based on "multisource" data. We will, throughout, emphasize that, although progress in remote sensing-GIS integration has clearly benefited from advances in computing (hardware and software) and global positioning system

What is a computer science degree? Computer science focuses on the fundamental theory of computing. Far more than mere programming, computer science encompasses the fundamentals of algorithmic thinking and explores how to design, develop, and test software and information systems. Whether you want to develop new methods of human-computer interaction, design intelligent systems, or program high-powered software applications, a computer science degree from Florida Tech develops a strong background in computer systems with experience in programming and information management. Gain Practical Exper... Top computer science schools including Florida Tech have myriad reasons to be the choice for a computer science degree. We welcome contributions that focus on or integrate field, petrology/geochemistry, chronology, and geophysical perspectives.

T9. Susan Stover, Kansas Geological Survey; Leah Thompson, University of Texas at Dallas; Saugata Datta, Kansas State University; Sinjini Sinha, University of Alberta; Robert Finkelman, University of Texas at Dallas. Extraction of energy resources, groundwater, and essential minerals often results in unintended pollution of air, land, and water. We invite presentations on applications, refinements, or case studies for dating methods such as OSL, ESR, fission track, radiocarbon, and cosmogenics with a focus on constraining the timing and rates of Quaternary geologic processes in the mid-continent.

T29. The Geological Survey of Canada (GSC) is part of the Earth Sciences Sector of Natural Resources Canada. The GSC is Canada's oldest scientific agency and one of its first government organizations. It was founded in 1842 to help develop a viable Canadian mineral industry by establishing the general geological base on which the industry could plan detailed investigations. Its mandate was to assist in developing a viable Canadian mineral industry by establishing the general geological base on which the industry could plan further detailed investigations. Throughout its long history, the GSC has played a leading role in the exploration of Canada. No Stone Unturned: The First 150 years of the Geological Survey of Canada. Report a problem or mistake on this page.