n an era of rising global competition, immense technological innovation and widespread economic uncertainty, society faces another challenge—tackling the realities of climate change.

Historically, societies and ecosystems have adapted to climate variability. There is an increased need for focusing on adaptation now as the pace and impacts of climate change are occurring outside the range of past experiences. Societies must learn to adapt. But how?

The profound implications of climate change underscore that scientists and decision makers together must develop proactive measures and evaluate options for adaptation.

EXTREME WEATT

CEOs are redefining value and are eager to see sustainability permeate from corporate strategy into various elements of operations.

DEVELOPING A CURRICULUM FOR A SUMMER SCHOOL ON CLIMATE CHANGE

Dr. Otis Brown (CICS–NC), M. McGuirk (NCDC), Dr. F. Miralles–Wilhelm (FIU), Dr. G. Voos (UNC Asheville), J. Dissen (CICS–NC)

Policy makers and the regulatory community are striving to devise practicable frameworks to mitigate adverse climate change.

education and partnerships

The scientific and academic communities are committed to bringing new information and knowledge to the forefront.

SUMMER INSTITUTE ON **CLIMATE CHANGE**

JUNE 15–JULY 1, 2011 Asheville, NC, USA

This two-and-a half-week course, to be held at UNC Asheville, offers professionals, researchers, policy makers and practitioners the opportunity to learn practical methods for integrating climate knowledge and adaptation mechanisms into their decision-making processes. The training course is a combination of expert lectures, special seminars, focused discussions and practical exercises.

The way forward requires

GUIDELINES AND PRINCIPLES FOR CURRICULUM DEVELOPMENT

- Consistent with the NOAA Climate Literacy Principles
- Applicable to the upcoming IPCC/USGCRP 5th Assessment Report
- Models the WMO Regional Climate Centres' concepts in the emerging Global Framework for **Climate Services**
- Leverages existing and emerging National Adaptation Plans
- Utilizes sector-based project solving approaches
- Based on a suite of studies developed by America's Climate Choices Committee

GOALS OF THE SUMMER INSTITUTE

- Provide science and services to establish an informed society capable of anticipating and responding to climate change and its impacts
- Establish an ongoing collaborative networking forum on climate change
- Develop comprehensive, interdisciplinary and crosssector strategies to capitalize on opportunities surrounding the impacts of climate change
- Promote a climate-resilient and climate-literate society that is able to make informed decisions, using the latest information, to maximize social, economic and environmental benefits





20th Symposium on Education 183



Apply at HTTP://SI.CICSNC.ORG



The UNIVERSITY of NORTH CAROLINÁ A Multi-Campus University

NC State University

TURNING ADAPTATION INTO ACTION

Define Your Strategic Advantage

WHAT WILL YOU LEARN?

Demonstrate the relevance of adaptation in:

- Education and operating models of various professions
- Interdisciplinary approaches that analyze vulnerability to climate change in key sectors
- Integrated assessments of possible adaptation measures
- Quantitative indicators of vulnerability and resilience
- Strategies that meet future needs of decision makers
- Tracking and monitoring of necessary financial expenditures toward adaptation to climate change

Establish a knowledge exchange forum to share practical experiences in adaptation:

- Current progress in communities, states and industry in various areas (e.g., adaptive coastal management, disaster prevention and mitigation, water resource management, etc.)
- Grow a strong network that will inspire partnerships, exchange experiences and identify opportunities for collaboration

Cooperative Institute for Climate and Satellites