GLOBALLY-ENGAGED FACULTY

The distinguished faculty of the University of Miami Department of Geography includes:

Douglas O. Fuller, Ph.D., University of Maryland, Professor— remote sensing, biological conservation, GIS and land cover change • Southeast Asia, Africa, USA

Richard Grant, Ph.D., University of Colorado, Professor— urban studies, international human geography • Africa

Han Li, Ph.D., University of Utah, Assistant Professor— urban economics, social and cultural environments • China, USA

Imelda Moise, Ph.D., M.P.H., University of Illinois at Urbana-Champaign, Assistant Professor— health care utilization, food environments, maternal and child health • Africa

Shivangi Prasad, Ph.D., Florida Atlantic University, Lecturer— environmental & social vulnerability modeling, climate change, natural hazards, risks & impacts, and GIS/spatial analysis • USA

Shouraseni Sen Roy, Ph.D., Arizona State University, Associate Professor— climatology, rainfall patterns, GIS, spatial analysis • South Asia

Ira Sheskin, Ph.D., Ohio State University, Professor and Chair— ethnic geography, quantitative methods, survey research, American Jewish community • Middle East

José Maria Cardoso da Silva, Ph.D., University of Copenhagen, Professor— biogeography, biological conservation, environmental geography, sustainable development • South America

Justin Stoler, Ph.D., M.P.H., San Diego State University / UC Santa Barbara, Assistant Professor— medical geography, population and environment, GIS, spatial analysis • West Africa

Diana Ter-Ghazaryan, Ph.D., Florida International University, Lecturer— cultural & urban geography, critical GIS • Former Soviet Union

Lilian Yaffe, Ph.D., University of Miami, Lecturer— global economics, comparative politics, political economy • Latin America

FOR MORE INFORMATION:
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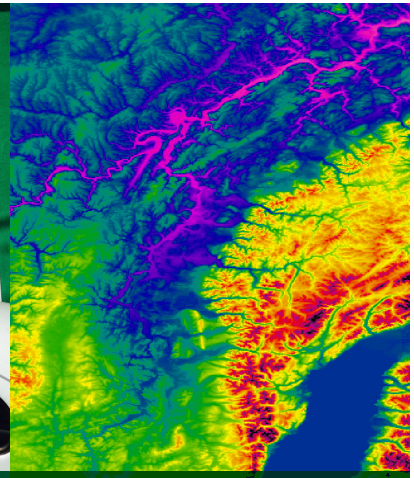
Coral Gables, Florida 33124-4401
(305) 284-4820 ssr@miami.edu www.as.miami.edu/geography



UNIVERSITY OF MIAMI

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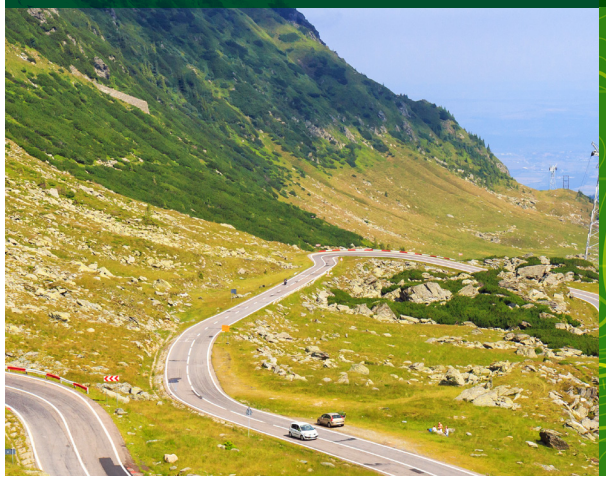

GEOGRAPHY IS ABOUT SOLVING REAL-WORLD GLOBAL PROBLEMS

Geography students, researchers, and practitioners often cite the opportunity to make a difference in the world – in a multitude of capacities – as a reason for entering the field. Given the breadth and depth of this rich discipline, which comprises perspectives from the natural sciences, social sciences, and humanities, geographers are generally bound by the common desire to apply geographic intellectual approaches and conceptual tools to improving our world.

CAREERS

Regional and Global Knowledge

Geography investigates relationships between humans and their natural world. The discipline utilizes many tools, including Geographic Information Systems (GIS) and satellite remote sensing, to collect and analyze information about the earth.

Skills

Geography teaches students a variety of practical skills for the contemporary job market. Employers paticularly value the wide-ranging computer, research, spatial, analytical, and critical thinking skills that trained geographers can provide.

Career Possibilities

Geographers commonly are employed as international analysts and development practictioners. Geographers working in business use GIS for market analyses and the selection of sites for stores. The travel industry uses maps and atlases produced by geographers. The government employs geographers as GIS analysts, cartographers, intelligence analysts, map curators, soil conservation scientists, and transportation planners. Geographers are employed at all levels of government from local municipalities, to counties, states, and the federal government. Geographers also work for multinational corporations and school districts.

Source: American Association of Geographers

ACADEMIC CURRICULUM

Students can earn a Bachelor of Arts or a Bachelor of Science in Geography. The Department offers three optional tracks within the Geography major:

(1) Global Urbanization

(2) Environment and Sustainability

(3) Global Public Health

Bachelor of Arts Major

(minimum of 30 credits)

One of the following courses:
- **GEG 101** - Digital Earth
- **GEG 105** - World Regional Geography
- **GEG 110** - Human Geography

Required courses:
- **GEG 120** - Physical Geography
- **GEG 306** - Geographic Researh Methods
- **GEG 501** - Capstone Research Seminar

Bachelor of Science Major

(minimum of 33 credits)

Required courses in addition to the BA Major:
- **GEG 305** - Spatial Data Analysis I
- **GEG 310** - Geographic Information Systems I
- **GEG 321** - Remote Sensing of the Environment
- **GEG 410** - Geographic Information Systems II

Minor in Geography

(minimum of 15 credits)

Minor in Geospatial Technology

(minimum of 18 credits)