About me…

• How to refer to me:
  – “Professor Tomaszewski”
  – “Dr. Tomaszewski”
  – BT

• Ph.D. – Geography, Penn State

• 7 years private sector GIS

• Academic GIS - Geographic Information Science, Disaster Management

• http://people.rit.edu/bmtski/
Where?

- Bonn
- West Germany - Former Capital
Bonn
Germany!
United Nations University Institute for Environment and Human Security (UNU-EHS) and University of Bonn - Bonn, Germany

The Partners
United Nations University
Institute for Environment and Human Security

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Home

5 Facts:
Five facts on the World Risk Report

Every year the World Risk Report (WRR) and its World Risk Index (WRI) analyze the exposure and vulnerability to natural hazards of over 170 countries, in order to assess the drivers and hotspots of disaster risk. Find out 5 facts on the World Risk Report!

BLOG

ARTICLES
World Risk Report

NEWS

PRESS RELEASE
2016-08-18 BERLIN

IN THE MEDIA

IN THE MEDIA
2016-08-25 BERLIN DEUTSCHE WELLE

http://ehs.unu.edu/
Geographisches Institut Universität Bonn

Geographisches Institut der Universität Bonn
Meckenheimer Allee 166
D-53115 Bonn
Tel.: +49 (0)228 73-7280; Fax: +49 (0)228 73-5393;
Mail: geographie@uni-bonn.de

Nachrichten

Große Exkursion Norddeutschland: Unterschiede und Gemeinsamkeiten in der Stadtentwicklung zwischen Ost und West

The research topic is to quantify disaster risk reduction geographic information capacities. The primary student research project is to create and rigorously evaluate a Disaster Risk Reduction - Information Capacity Index (DRR-ICI). A DRR-ICI currently does not exist. The scientific purpose of the DRR-ICI is to quantify and evaluate how disaster risk reduction geographic information capacities, such as information availability, scale and relevancy, vary within Germany and from country to country.
Final Year - 2019

For the final year of this program, we will be conducting comparisons of geographic information capacity between different countries using preliminary variables developed from previous year cohorts. The metrics will be further refined in order to find statistical significance between variables. We also create interactive data visualization tools.

This experience would be an excellent match for Ph.D. students with research interests in Geographic Information Science, Data Science, Applied Statistics, Disaster Informatics, and related areas. Students participating in the program are expected to produce publications based on the research conducted during the summer.
Who?

- 5 students
- GIS/Disaster Interest
- Graduate student
When?

• Classroom:
  Spring 2019
  ISTE 742 * required
• Misc. meetings in Spring 2018
• Summer 2019: 10 weeks in Germany
• Follow-up Activity – Fall Semester after
  – Expected to publish
Why?

- Unique experience – international research
- Unique project work – make a difference
- Unique location – Germany
- International professional networking (NSF, United Nations)
Requirements

1. US-citizen
2. Enrollment in ISTE 742 – Introduction to GIS (Spring 2019)
3. Grade point average (GPA) of 3.0 or higher
4. Currently enrolled as a full-time student
5. Physically present on RIT campus for Spring 2019 (no remote co-op participation)
6. Must commit to being in Germany for 10 weeks during Summer 2019
7. Must be an RIT student in the summer 2019
FYIs

- Fully funded – airfare, housing, stipend

- Do not need to speak German (helpful, but not a requirement)
Selection Criteria

1. Have passport at time of application due date (1 November 2018)
2. Interest in mapping/disasters (GIS Minor)
3. Interest in data science/analytics
4. Interest in humanitarian/development issues for education/career
5. Strength of statement and references
Application

Applications due 1 November 2018

Application has two parts:

Part 1: Complete the RIT compass application available at:

http://tinyurl.com/nsfiresde

Part 2: please email directly to Brian Tomaszewski (bmtski@rit.edu) the following:

- A 1000 word statement of interest as to why you wish to conduct research in Germany and how you see the experience benefiting your educational experience and long-term career prospects in science, technology or engineering fields.

- Two letters of recommendation: one from your primary faculty advisor and another from a faculty member that can speak on your maturity and capability for foreign travel and intellectual capacity for conducting research.

- Contact information (name, phone number, email) for your primary faculty advisor and one other faculty member who can serve as a reference for you.
Questions/Applications

• Dr. Brian Tomaszewski, GOL-2673

• Email: bmtski@rit.edu

• Fall 2018 Office Hours:
  Tuesday/Thursday 11am-noon

Thank you!