PART 1: ABOUT WRI

WRI is a global research organization that spans more than 50 countries, with offices in the Brazil, China, Europe, India, Indonesia, and the United States. Our more than 450 experts and staff work closely with leaders to turn big ideas into action to sustain our natural resources—the foundation of economic opportunity and human well-being.

WRI was recently voted the #1 Environmental Think Tank in the world and is consistently recommended by staff as one of the "most desired organizations to work for." In 2014, WRI was ranked one of the Top Workplaces by the Washington Post.

Part 2: Overview

The World Resources Institute is seeking a 2016 Schneider Fellow to help support water-energy nexus research and data analytics as part of the Aqueduct Water Risk Atlas project in WRI's Water Program. The 2016 Schneider Fellow will work on geospatial analysis and desktop research of current and future water risks to energy security. The 2016 Schneider Fellow will also support communications and outreach efforts by leveraging data to creatively visualize information for specific audiences.

Past projects co-developed by Schneider Fellow’s include:

- [http://www.wri.org/blog/2015/08/ranking-world%E2%80%99s-most-water-stressed-countries-2040](http://www.wri.org/blog/2015/08/ranking-world%E2%80%99s-most-water-stressed-countries-2040)

Part 3: Responsibilities

- Conduct spatial and statistical analysis with ArcGIS and Python
- Conduct desktop research on water-energy nexus risks and opportunities
- Maintenance and update of geo-databases of water and energy data
- Respond to external and internal requests for information, data, and analysis of the water-energy nexus.
- Write technical manuscripts to document Aqueduct methodology and metadata
- Run/write Python scripts for geo-tasks automation
- Develop maps, using advanced cartographic skills, for online applications and print publications, including reports, blogs, and posters

Part 4: Qualifications

Required:

- Pursuing undergraduate or master’s degree in engineering, earth systems, environment, or technology;
- Experience with ArcGIS, MS Excel;
- Strong analytical skills;
- Strong communication skills, including presentation and writing experience;
- Strong self-learning ability and good team spirit;
- Quick learner, experience in delivering high quality complex analysis, and deadline driven;
- Entrepreneurial mindset; and
- Authorization to work in the U.S.
Preferred:

- Experience in graphics software (e.g., Adobe Photoshop and/or Illustrator) with an ability to produce high quality maps for publication

Final candidates will be required to submit a project portfolio.

**Location:** Washington, DC

**ABOUT WRI**

Established in 1982, WRI is a non-profit 501(c)(3) organization respected globally by policymakers, non-governmental organizations, and corporate leaders.

WRI’s reputation is grounded in its excellent analysis, non-partisan approach, and high-impact results. We measure our success based on how our work helps to create real-world change on the ground—and approach we call “Managing for Results.”

WRI’s work is united by and driven by our values: Innovation, Integrity, Urgency, Independence, and Respect.

WRI fosters a culture of innovative ideas, working collaboratively, and thinking independently. WRI employees are driven by the organization’s mission and have the satisfaction of helping to create a more prosperous and healthy planet.

Learn more about our organization at [www.wri.org](http://www.wri.org).

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