



**Join the Foster School of Business helping to  
create a new Climate Risk Wiki for the  
UW Climate Risk Lab**

***Calling all UW CoE majors: the UW Foster School of Business is leading a campus-wide initiative to tackle climate risk with urgency and we need your help!***

***The mission of the new 'UW Climate Risk Lab' is to make the best climate risk data, analysis and tools available to all. Our vision is a future where climate risk is accounted for in all strategic and organizational planning worldwide.***

***In order to begin to fulfill our mission, we are starting off building a Wiki-based data repository for all climate-risk related data, analysis and tools available in the public domain under open license. We are seeking the support of 3-4 CoE interns (undergrads and grads) who love working with diverse data and have an interest in climate risk as well as data-driven solutions to climate risk mitigation and adaptation. The project will begin Sept 18th, 2023 and last until early January with opportunities to continue collaborating with the Lab thereafter.***

***Interns will be asked to commit to the Wiki build for a minimum of 5 hours per week for the project duration seeding established data sources, organizing them, making them searchable, and ultimately creating a strong MediaWiki foundation that will make climate risk data easy to find and to extract for end-users.***

***Our mid-term goal for the Climate Risk Wiki is to build a community of climate risk contributors across engineering as well as public policy, business analytics, data science and atmospheric science domains. This is a unique opportunity to develop a climate risk skillset and to raise your profile among open-source research communities and communities of practice in the climate risk field worldwide.***

***If you are interested in learning more about the internship please send a very brief covering note by email, along with a resume, including link to Github profile (or other) to Simon Park: [seungp19@uw.edu](mailto:seungp19@uw.edu) More about the project details are provided below. We look forward to hearing from you!***

***Deadline for applications is Thurs. Sept. 7th at 5pm.***

## **Management team**

### **About Prof. Bruner (project owner)**

Phillip Bruner is Professor of Practice at UW Foster School of Business where he currently teaches sustainable finance and entrepreneurship to students at both the undergraduate and graduate levels. He is a serial climate entrepreneur, investor and thought leader with over 15 years of experience in the field. Phillip began his career in the mid-2000s as Co-founder and MD of the Edinburgh-based Sustainable Community Energy Network - a social enterprise still in operation providing renewable energy and IT services to local organizations worldwide. He went on to be appointed Executive Director of Sustainable Heat & Power, a distributed renewable energy contractor specializing in small-scale wind and hydro delivery for landowners and estates throughout the UK and India. To finance smaller scale projects, he co-created an investor syndicate 'Green Angel Investors' and then followed up with a top-down model consisting of institutional investors from Macquarie, Zouk, RBS, Blackrock and Mainstream Capital, called the Green Investment Forum. Later in 2016 he co-founded and led Enian, a London-based renewable energy fintech company that secured private investment from former partners at Goldman Sachs, Vitol and Bloomberg New Energy Finance.

### **About Simon Park (project manager)**

Simon Park is a graduate student at UW Evans School of Public Policy and Governance where he is pursuing a master's degree in environmental policy while actively staying engaged in economics and finance. Simon graduated from Harvard with an undergraduate degree in economics with a secondary in computer science. He was involved in the Harvard Venture

Program at the university's innovation lab and was the project lead of an automated front-to-back office documentation system at Sumitomo and Mitsui Banking Corporation during his internship. Simon is now focusing on sustainability and climate change related business processes to advance his career.

## **Project Description**

Welcome to the exciting project of creating a Climate Risk Data Repository using a Wiki environment! In this project, you and your fellow students from diverse backgrounds will collaborate to build a central hub for open source and open access data, reports, and tools related to climate risk. This repository will serve as a valuable resource for researchers, policymakers, businesses, and the public worldwide. By bringing together data and insights from academic, commercial, and public sector research organizations, we aim to contribute significantly to understanding and addressing climate-related challenges.

### **Value Proposition**

Climate change is a pressing global issue, and its impacts are far-reaching. The Climate Risk Data Repository will provide a comprehensive and easily accessible platform for anyone interested in studying, mitigating, and adapting to climate risks. By creating this repository, you will contribute to the advancement of climate science, policy formulation, and business strategies. This project offers a unique opportunity to collaborate across disciplines, develop essential teamwork and technical skills, and make a meaningful impact on the world.

### **Project Timeline and Participants**

- **Project Duration:** From Sept. 18th. to the first week of January 2024.
- **Participants:** Undergraduate and graduate students from the business school, computer science, and engineering departments.

### **Step-by-Step Guide**

#### **Step 1: Project Kickoff and Team Formation**

- **Objective:** Introduce the project, its goals, and its importance to all participants. Form interdisciplinary teams consisting of students from business, computer science, and engineering.

#### **Step 2: Familiarization with Wiki Tools**

- **Objective:** Ensure everyone understands the Wiki environment and its basic functionalities.
  - **Activities:**

- Provide an overview of the Wiki platform chosen for the project (e.g., MediaWiki, Confluence, etc.).
- Conduct hands-on training sessions for creating, editing, and formatting Wiki pages (optional)

### **Step 3: Requirements Gathering and Planning**

- **Objective:** Define the specific features and structure of the Climate Risk Data Repository.
  - **Activities:**
    - Brainstorm and document the required categories, sections, and tags for organizing data.
    - Assign roles within each team (content creators, data integrators, designers, etc.).
    - Develop a project plan with milestones and deadlines.

### **Step 4: Content Collection and Integration**

- **Objective:** Populate the Wiki with open source and open access climate risk data, reports, and tools.
  - **Activities:**
    - Mine the Web to collect and organize materials.
    - Ensure proper citation and adherence to open access policies.
    - Ensure proper organization according to sector, use case, sponsoring organization, research institute and/or funding body
    - Integrate collected content into the Wiki, creating well-organized pages with consistent formatting.

### **Step 5: User-Friendly Navigation and Search**

- **Objective:** Create an intuitive navigation structure and robust search functionality.
  - **Activities:**
    - Design and implement a user-friendly menu or sidebar for easy access to different categories.
    - Set up a powerful search feature allowing users to quickly find specific information.

### **Step 6: Data Visualization and Interpretation**

- **Objective:** Enhance the repository's value by providing insightful data visualizations and interpretations.
  - **Activities:**
    - Collaborate with data visualization experts to create interactive charts, graphs, and maps.
    - Write informative explanations and analyses to help users understand the data's significance.

### **Step 7: Quality Assurance and Testing**

- **Objective:** Ensure the repository's content is accurate, well-organized, and user-friendly.
  - **Activities:**
    - Conduct thorough proofreading and fact-checking of all content.
    - Test navigation, search, and data visualization features to identify and resolve any issues.

## **Step 8: User Training and Promotion**

- **Objective:** Prepare users to effectively navigate and utilize the Climate Risk Data Repository.
  - **Activities:**
    - Create user guides and tutorials explaining how to navigate, search, and interpret data.
    - Develop promotional materials and strategies to raise awareness about the repository's launch.

## **Step 9: Launch and Continuous Improvement**

- **Objective:** Officially launch the Climate Risk Data Repository and establish a plan for ongoing maintenance and improvement.
  - **Activities:**
    - Host a launch event to introduce the repository to the university and the broader community.
    - Collect feedback from users and stakeholders and incorporate improvements based on their suggestions.

## **Step 10: Project Reflection and Documentation**

- **Objective:** Reflect on the project's achievements, challenges, and lessons learned.
  - **Activities:**
    - Hold a team debriefing session to discuss individual and collective experiences.
    - Document the project's process, challenges faced, solutions implemented, and outcomes achieved.