

## Senior Modeler

### Position Description

**NVF Project Name: Climate Interactive**

**Position: Senior Modeler – International Climate Change Adaptation**

**Location: Remote**

**Status: Full Time, 40 hours per week**

#### Position Summary

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Climate Interactive (CI) is looking for a new member of its team – a Senior Modeler to work in the growing area of International [Adaptation and Resilience](#). CI is currently engaged in [projects in Kenya](#) and the Horn of Africa, and is beginning work in the Democratic Republic of the Congo, Nigeria, and possibly other regions of the world.

Climate Interactive ([www.ClimateInteractive.org](http://www.ClimateInteractive.org)) uses system dynamics computer simulation to help decision-makers see what works to address complex social and environmental issues such as mitigating climate change, accelerating the transition to clean energy, and building climate resilience.

The Senior Modeler will be responsible for creating system dynamics computer simulations, analysis, and engage clients and stakeholders in model simulations. Additional responsibilities include writing and editing media for CI.

#### Essential Responsibilities and Tasks

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- Contribute as a collaborative member of a high performance team, both within the Adaptation and Resilience Program and in the wider CI team.
- Create, test, improve and iterate system dynamics computer simulations.
- Use system dynamics models for analysis, producing data, charts, and narrative reports of modeling results.
- Create simulation interface, slides and model documentation.
- Engage stakeholders to elicit their mental models during the creation of causal loop and stock-flow diagrams.
- Present simulation and analytic insights to stakeholders, both remotely via webinars and in-person (travel 3-7 weeks per year); primarily in countries of the Global South.
- Write and edit blog posts, website text, brochures, project descriptions, journal articles, and policy papers, as needed.
- Manage project timelines and deliverables, including supplying realistic time estimations as needed.
- Support the Program Director in delivering on contracts, grants, and CI's mission.

- Deliver in-person presentations, interact in meetings, run webinars, speak in conference calls, deliver capacity building workshops, coach leaders

### **Required Education, Experience, Knowledge, Skills and Ability**

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- Masters degree or PhD or equivalent experience.
- At least five years experience building and using computer simulations and working with clients and stakeholders using simulations.
- Competence with the Vensim software package.
- Competence building dynamic hypotheses with stakeholders, including causal loop and stock/flow diagramming.
- Competence with different analytic skills to analyze primary and modeled datasets.
- General understanding of climate change, economic development, and environmental science and policy.
- Strong written and verbal communication skills.
- Self-motivated. Able to work independently and remotely.

### **Valued and Non-Essential Education, Experience, Knowledge, Skills and Ability**

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- Working knowledge of other subject areas within the CI mission including: clean energy, climate change modeling, and systems thinking

### **Attributes**

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- Exceptional communicator
- Extremely well organized, detail-oriented and analytical
- Team player

### **Benefits**

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The position will be salaried (salary commensurate with experience), and include health care, vacation, holidays, 401(k), public transit commuter stipend (certain locations), and fitness stipend.

### **How to Apply**

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Interested individuals should submit a cover letter and short written answers via a web form:

<http://climateinteractive.org/job>

### **New Venture Fund Careers**

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