**Organizer Name(s)**:

**Contact information** (institution, email, telephone):

**Preferred Session:** ❑ 1-hour workshop

 ❑ 30-minute session

 ❑ Either

**Title of Presentation:**

**Description of Presentation** (250 words max): The description of presentation should briefly summarize the presentation’s content, activity, and pedagogical outcomes.

**Retreat Theme**: Please include *one* theme that best represents your presentation.

1. **Material Life Cycles—**How life cycles of resources and local relationships inform teaching and practice.
2. **Carbon Cycles—**How to enhance understandings of carbon cycles in addition to energy as part of the design process**.**
3. **Nutrient Cycles—**The food–energy–water nexus at the urban–periurban–rural interface for community and building design.
4. **Seasonal Cycles—**Promote the design of buildings to benefit from or to withstand solar, wind, water, relative humidity, and other potentially changing climatic cycles.
5. **Strategies and Tools—**Exemplar Tools, methods, and design strategies that teach about the importance of place and appropriateness in building design and planning.
6. **Roundtable Discussions & Working Groups—“**Hot topics,” which could include case studies, book and grant proposals, promotion/tenure/mentorship issues, contributions to the 2050 Imperative, and so on.

**Learning Objectives**: 3 – 5 goals that participants will be able to do after your presentation. Typically a learning objective identifies behavior(s) that participants will demonstrate.

1. To understand . . .
2. To be able to . . .
3. To gain experience . . .

**Schedule**: outline of session timing (e.g. Introduction 5 min; Game 15 min; Q&A 10 min)

**Intended outcomes and deliverables** (1 sentence):

**Take away** (if any) for attendees: