

# World Resources Simulation Center

## Designing the WRSC Prototype

A ROUNDTABLE EVENT

■ June 12-13, 2009

■ Quantum Learning Network  
Conference Center

■ Oceanside, CA

### ***Where do thoughtful, global thinkers go to work on the complex issues of our time?***

In a world where everything is affected by everything - population growth, increasing energy demand, climate change, disease migration, water stress, coastal flooding, human settlements, transportation and more -- it is now essential that we literally "see" these trends projected forward through simulation and visualization tools.

### ***These challenges are now so complex and interconnected, that they need a place to reside.***

Thirty years ago, Buckminster Fuller proposed the World Resources Simulation Center (WRSC), a large format, immersive visualization and simulation facility for this purpose.

### ***As planetary systems have become overly stressed, the need for the WRSC is even greater today.***

Join us this spring for two days to help create a new vision of the WRSC, which can now utilize cutting edge technology to turn the growing library of environmental data into accessible information, layered and displayed as 4-D map projections. This is not a lecture or conference format. It will be a working event designed to:

**Demonstrate the concepts of visualizing global challenges –**  
*we will surround the space with a dozen large projection screens and a world map on the floor.*

**Refine the WRSC proposal -** *what will the center look like and how will it function?*

**Set up for Phase 2 of bringing the WRSC to reality -** *we seek your advice, input and support now as we build our core team and institutional partnerships.*



We are inviting a select group of 50 attendees who are comprehensive thinkers and those who have expertise in GIS tools, geospatial displays and digital earth.

### **What should you bring?**

Your laptop with your best maps, visualizations, animations, simulations on three primary global issues: Population Demographics & Settlements, Energy & Climate, Water & Sanitation. Use your preferred GIS software: Google Earth, GeoFusion, NASA Worldwind, Microsoft Maps Live, ESRI ArcView, Gapminder, or any other.

### **There are 2 goals for the design event:**

1. We will create a surround projection environment for you to learn and present your work. We would like you to work together on these three global issues as if you were in the WRSC. World and regional maps will line the walls. We'd like you to help us test the Comprehensive Anticipatory Design Science model in a venue that immerses you in these three global issues.

2. With your help, we want to design the prototype facility for the World Resources Simulation Center as a place where thoughtful people work to design a sustainable world for all in the shortest possible time. With your collective expertise, we want to catalyze the development and realization of the optimal visualization-simulation center.



Note: These images are a vision of the future WRSC, not of the tools that will be provided at the Prototype Event.

**This event is free to attend**, and meals will be provided. Travel and accommodation are the responsibility of attendees. Please contact us if you are unable to attend due to budgeting, as sponsorship funds may be available to help defray costs, or we can help to coordinate hotel room shares.

Please be sure to review the project proposal at: [www.geni.org/wrsc](http://www.geni.org/wrsc)

[Click Here to Register](#)  
**Designing the WRSC Prototype**  
A Roundtable Event

[Click Here to Register TODAY!](#)

The philosophical foundation for the WRSC is stated as a question posed in R. Buckminster Fuller's World Game™ simulation:

*"How do we make the world work for 100% of humanity in the shortest possible time through spontaneous cooperation without ecological damage or disadvantage to anyone?"*

The WRSC is a project of:



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## PROGRAM

### Friday, June 12

- 8:00 am *Breakfast & Setup (Note: All meals provided)*
- 9:00 Introductions & Event Overview
- 10:00 Form Into Working Teams\*
- 10:30 **Simulation Teams** - Find and present visualizations, trend analysis, current status maps, simulations regarding the present condition of global population, energy and water.
- Facility & Development Teams** - Find, discuss and present best tools and venues for creating solutions. Find and present the best examples of existing simulation facilities.
- 12:00 *Lunch*
- 1:00 Continue Team roundtable discussions
- 3:30 *Snack Break*
- 4:00 Continue Team roundtable discussions
- 6:00 pm *Dinner & Socializing*

### Saturday, June 13

- 8:00 am *Breakfast & Setup*
- 9:00 Form Into Working Teams
- 10:00 **Simulation Teams** - Develop the “preferred state” and present simulations on how to get there.
- Facility & Development Teams** - Review, refine and present the business and financial case, plus facility design ideas.
- 12:00 *Lunch*
- 1:00 Continue Team roundtable discussions
- 3:30 *Snack Break*
- 4:00 Continue Team roundtable discussions
- 6:00 pm *Dinner & Socializing*

### Sunday June 14

**(Optional Day - for attendees interested in next steps)**

- 9:00 am Breakfast
- 10:00 Review and debrief what worked, what's missing and next steps. Set up communication forum for attendees.
- 12:00 End of Day

#### \*Simulation Teams

- Population Dynamics
- Energy Issues
- Water Issues

#### \*Facility & Development Teams

- GIS Software Tools & Data Sources
- Facility Design Planning
- Business & Finance of the WRSC

[Click Here to Register - Designing the WRSC Prototype - A Roundtable Event](#)

## Logistics

### Venue

Quantum Learning Network Conference Center  
1938 Avenida Del Oro  
Oceanside, CA 92056  
Phone: 1-760-722-0072

Space for the event, a 10,000 square foot Conference Center exhibit hall, has been generously donated by Bobbi DePorter, President of the Quantum Learning Network. The venue is conveniently situated between Orange County and San Diego, five miles east of Interstate 5.

**Attire** Casual, comfortable clothing.

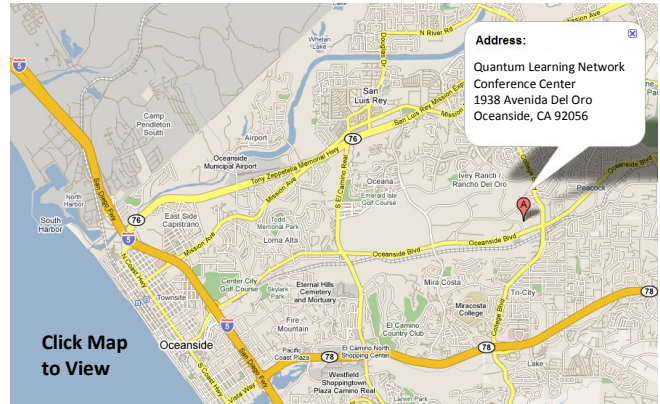
### Accommodations

A special rate has been arranged at the nearby Residence Inn by Marriott, located within a mile of the facility. Click any of the following for group rates: (each room also includes fold-out bed)

**Studio - \$159** (Code: glogloa)    **One Bedroom - \$169** (Code: gloglob)    **Two Bedroom - \$229** (Code: glogloc)

Residence Inn by Marriott, San Diego Oceanside  
3603 Ocean Ranch Blvd.  
Oceanside, California 92056  
Phone: 1-760-722-9600

For those wishing to stay closer to the beach, Oceanside has several other hotel options.



[Click Map to View](#)

### Travel

Commuter service to Carlsbad-Palomar Airport (CLD) is available on United Airlines, or the San Diego Airport (SAN) is approximately 45 minutes by car from the venue. Train and bus service is also available to Oceanside.

### Parking

Free parking is provided at Quantum Learning Network

### Registration

Attendance is free. To register for the event please visit:  
[www.designingthewrscprototype.eventbrite.com](http://www.designingthewrscprototype.eventbrite.com)



Note: These images are a vision of the future WRSC, not of the tools that will be provided at the Prototype Event. If you have a particular technology that you would like to share, please bring it to the event.