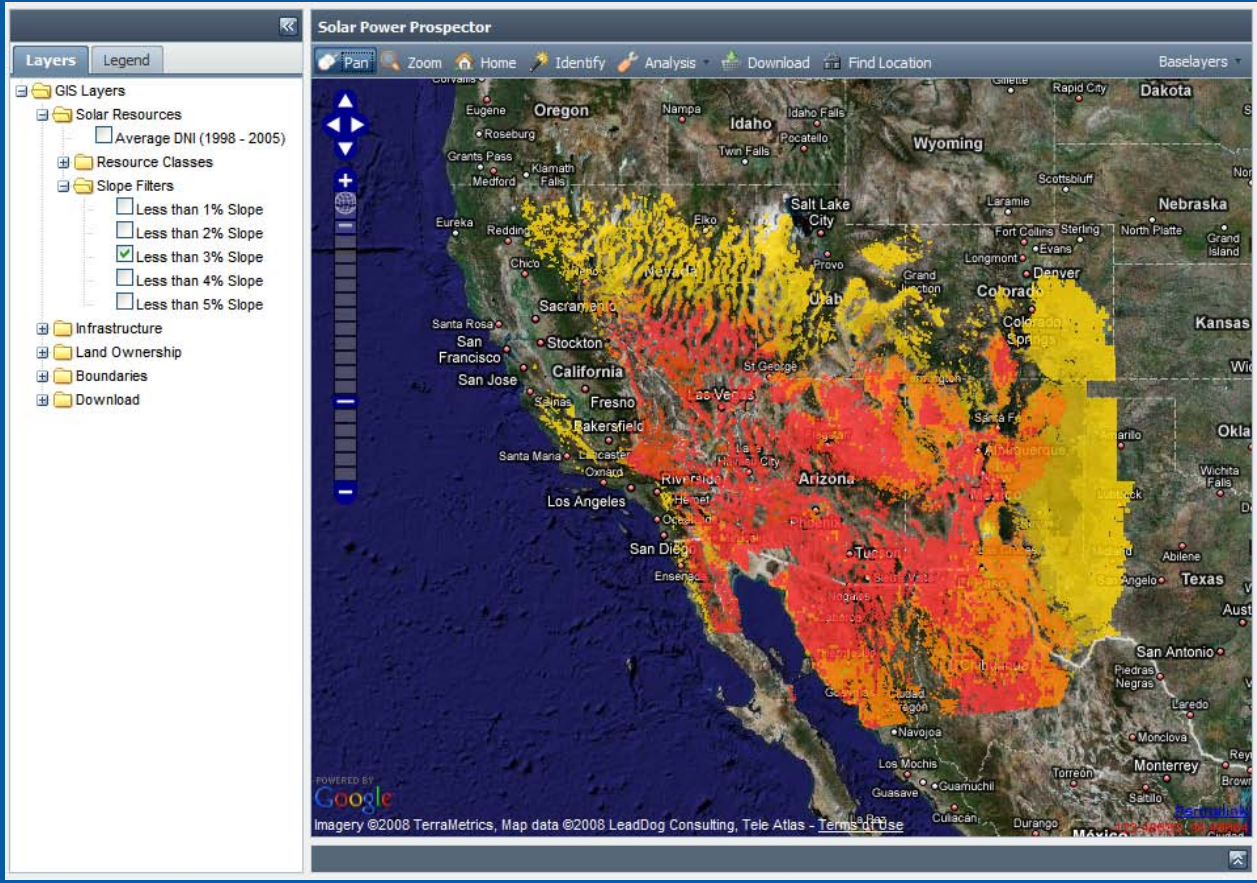
National Renewable Energy Laboratory
Innovation for Our Energy Future

Solar Power Prospector



Solar Resource Assessment Workshop
Denver, CO

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Outline

1. Application Overview
2. Goals
3. Primary Functionality
4. Demo

Application Overview

1. Map based interface
   - View GIS Datasets
   - Spatial Relationships

2. Download Historical Perez (SUNY) Data
   - 1998 - 2005
   - 10km Grid

3. Location specific look at resources
   - Basic data statistics

Application Goals

1. Engage industry partners
    - In application development
    - In functionality enhancements / tool improvements

2. Develop an easy to use map
    - Aids in spatial understanding of solar resources
    - Assists in locating areas for potential development

3. Provide easy access to solar resource data
    - Make it easy to get data

Build a tool that is useful and is **used**

Functionality

1. Temporal Variability of the Perez Data
2. Finding a location
3. Download hourly DNI data
4. Inter-annual Data Variability

More functions will be develop based on need / suggestions

Demo

Solar Power Prospector:
http://www.nrel.gov/csp/data.html
(click on the Solar Power Prospector Link)

Send feedback / comments / suggestions to:
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