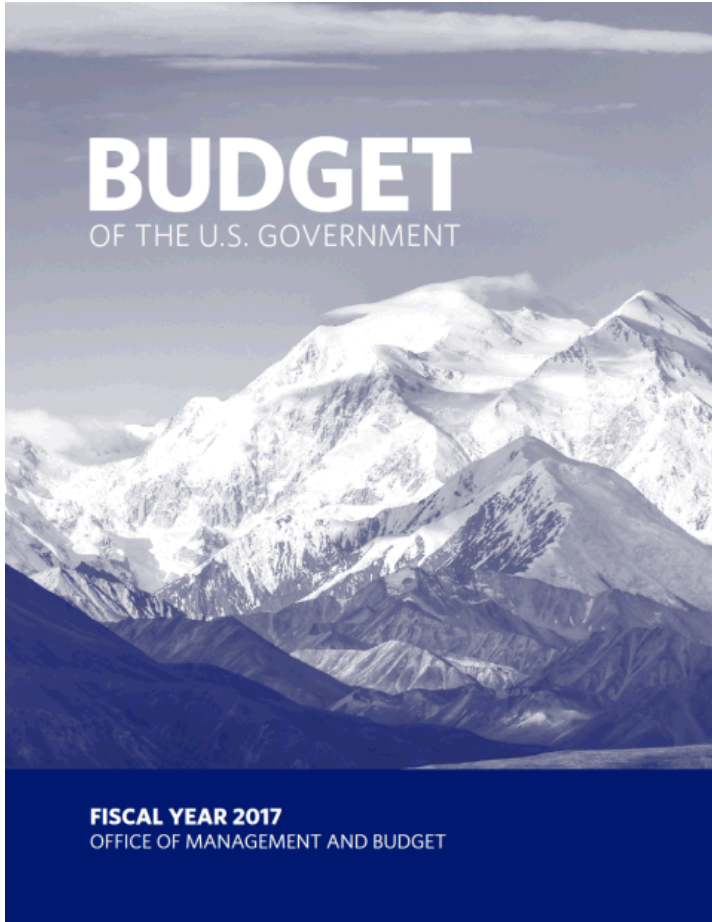


Exceptional service in the national interest



Desalination-Energy Hub

Pat Brady and Stephanie Kuzio
Senior Scientist and Manager,
Geoscience Research and Applications



Known

Desalination-Energy Hub → \$25M/yr

Unknown

Budget approval,
National Lab role,
Timing of call,
Right partner(s),
Right structure ...

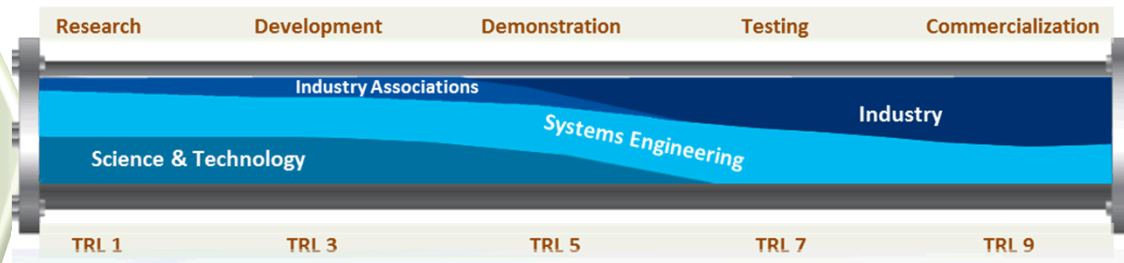
PIONEER AND RAPIDLY DEPLOY NEW TECHNOLOGIES...

Technical Targets

**Low Energy
Membranes**

**Advanced
Water
Recycling**

**Low Energy
Zero Liquid
Discharge**



Applications

**Municipal Water
Supply/Treatment**

**Electric Power
Generation**

**Oil & Gas
Production**

**Industrial Waste
Water**

The Hub Succeeds if it...

1. Creates low-energy membranes,
2. Weans power plants from river water,
3. Eliminates problem wastewaters.

A Possible Structure

