

IRIS PASSCAL INSTRUMENT CENTER

Facility Overview

IRIS

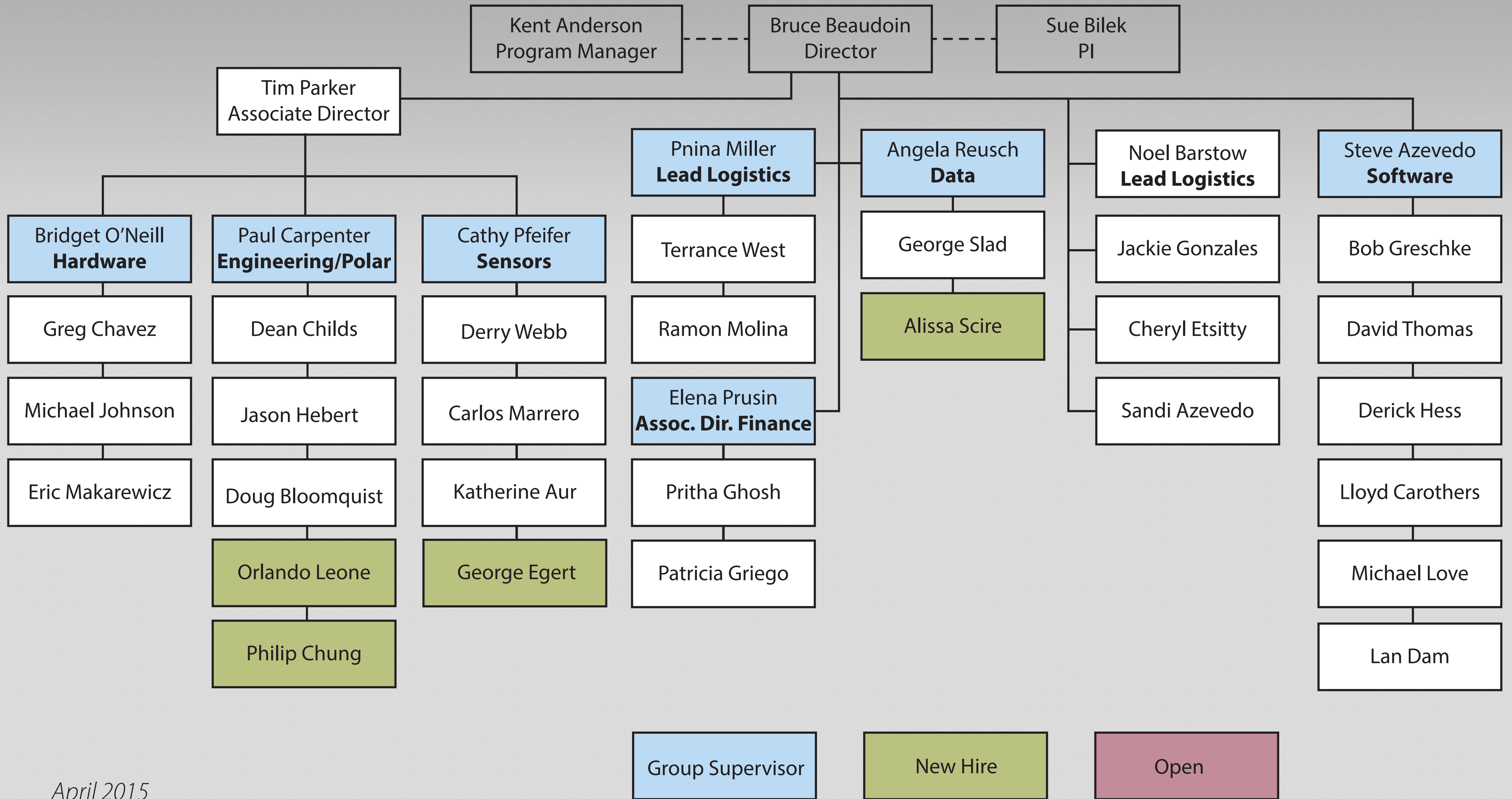


earth
scope
www.earthscope.org



IRIS
PASSCAL





April 2015

PROJECTS SUPPORTED

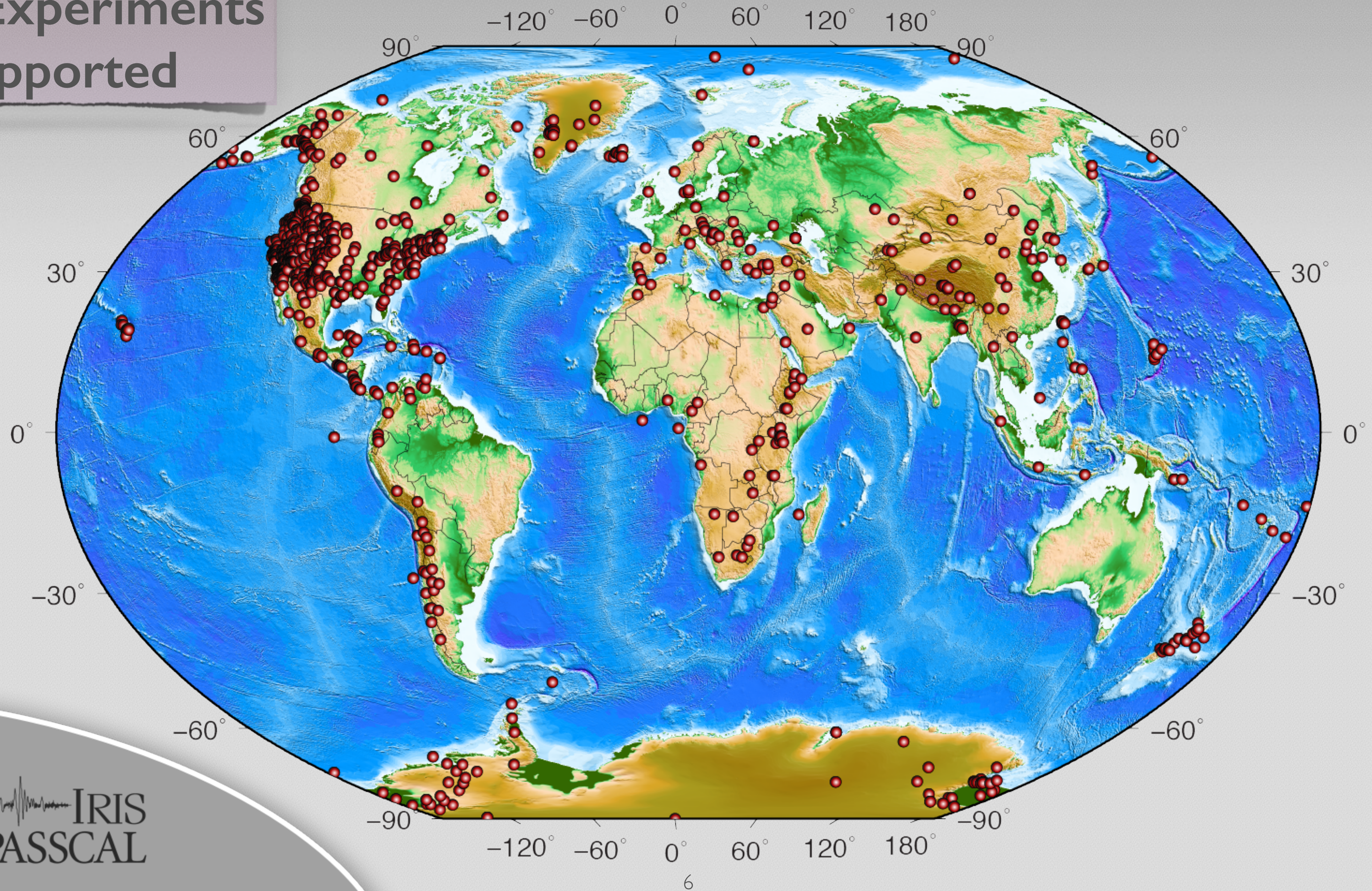
- PASSCAL - portable seismology
- Polar - extreme environment
- GLISN - Greenland Ice Sheet Monitoring Network
- EarthScope - Flexible & Transportable Arrays
- CEUSN - Central & Eastern US Network
- GEOICE - next generation instrumentation, polar focus

	PASSCAL	Polar	GLISN	GEOICE	TA	CEUSN
Inventory Control						
Shipping/Receiving						
Maintenance, & Repair						
Fabrication						
Software						
Troubleshooting						
Data Archiving						
Logistics & Planning						
Engineering						
Field Support						
Training						
Network Monitoring						

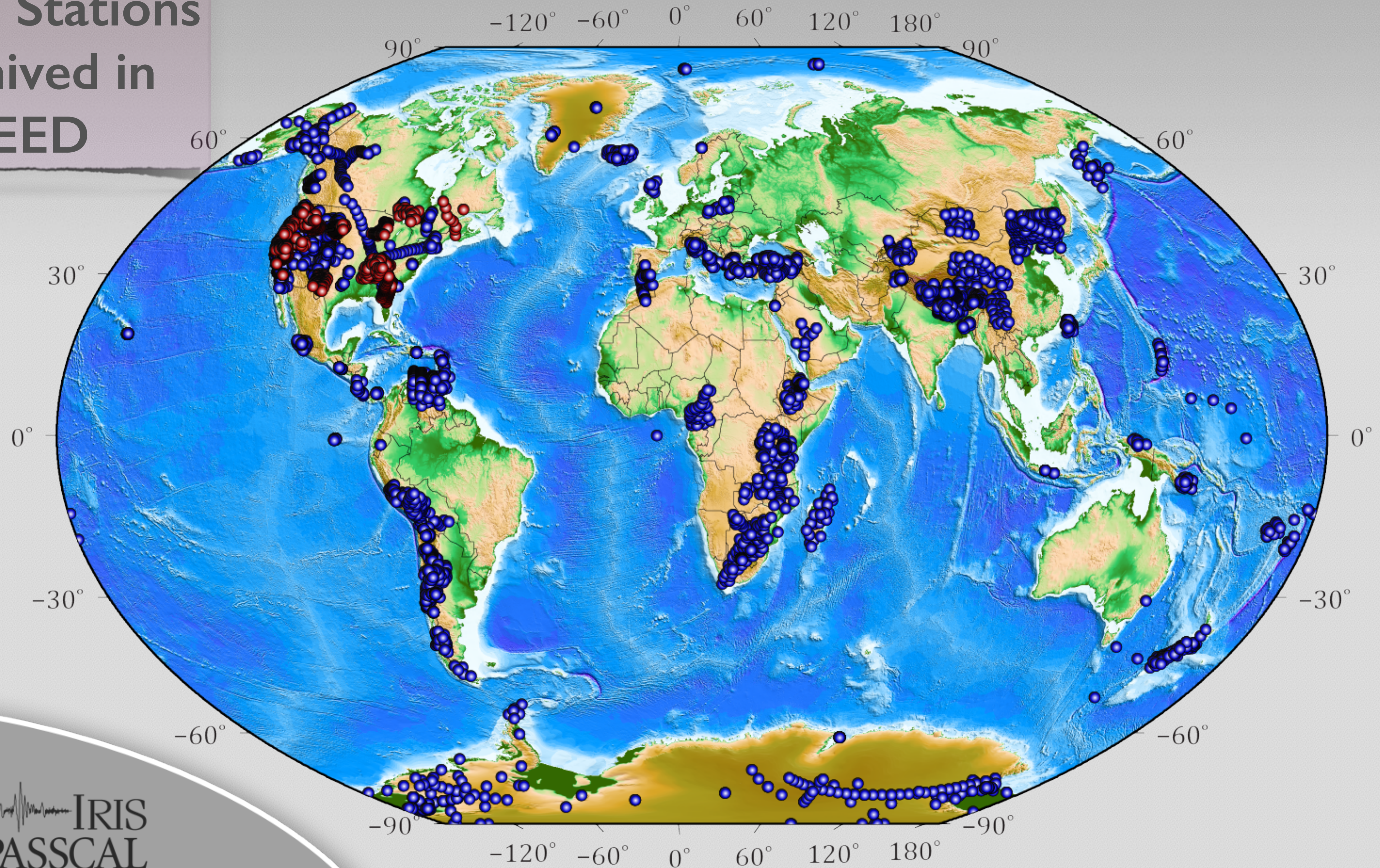
Inventory	PASSCAL*	RAMP	POLAR	GLISN	TA	Total
Datalogger 3-Channel	1236		63		345	1644
Datalogger 6-Channel	81	10	3	13	131	238
Datalogger 1-Channel	2202					2202
Multi-Channel Datalogger	15					15
Broadband Sensor	824		125	10	684	1643
Intermediate-Period Sensor	103	10	8			121
Short-Period Sensor	306					306
4.5Hz Geophone 3-ch	860					860
4.5Hz Geophone 1-ch	2431					2431
MCh Geophones 1-ch	718					718
Accelerometer	19	8			85	112

* Combined PASSCAL and FA pool

1091 Experiments Supported



15,722 Stations
Archived in
SEED

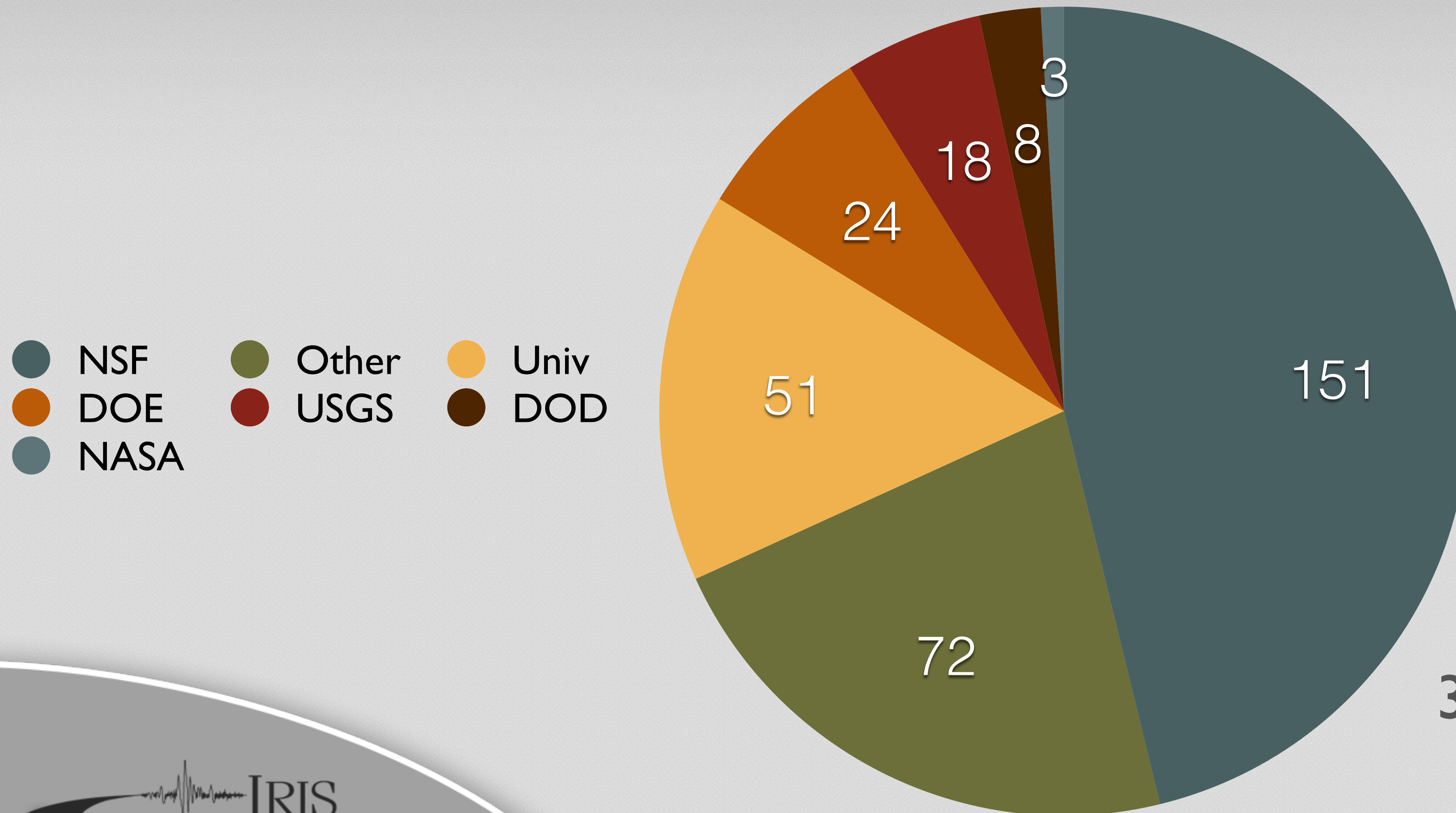


	Pre-Experiment	Experiment	Post-Experiment
Logistics & Planning			
Import/Export			
Engineering			
Training			
Maintenance & Repair			
Field Support			
Troubleshooting			
Software			
Data Archiving			

Source	Model	Number of Units	Average Age (years)
FA	CMG-3T	358	6.7
FA	Trillium 120PH	1	2.3
FA	Trillium 120PHQ	30	0.6
PA	CMG-3T	236	9.1
PA	STS-2	219	14.5
PA	Trillium 120PA	44	2.9
PA	Trillium 120PH	10	1.8
PA	Trillium 240	2	5.9
Aggregate*		900	8.8

*Does not include Polar sensors

Experiment Funding 2009-2013



327 Total Experiments