



NASA HEADQUARTERS
SCIENCE MISSION DIRECTORATE

NASA Salinity Science & Infrastructure



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OSST annual meeting

· April 6–7, 2020

· Multiple cities in the US ...

Why are we meeting today?

Final year for salinity continuity project

- what have we accomplished?
- how does it support salinity science?
- where do we go from there?
- what are our priorities?

Advance salinity remote sensing = breakthrough science + solid infrastructure

Ocean Salinity Science Team structure

Infrastructure Team

Goals: production of (best ever) data;
delivery as open science;
business development

Budget: ~\$3M/yr

Members: JPL, RSS, GSFC, ESR

+

Research Team

Goals: show utility of salinity remote
sensing in Earth applications

Budget: ~\$4M/yr

Members: Asher, Bingham, Brown, Clarke,
deCharon, Drushka, Fournier,
Gentemann, Grodsky, Hackert, Jones,
Kao, Lang, Liang, Maximenko,
Meissner, Melnichenko, Menezes,
Rainville, Schanze, Small, Soden,
Thompson, Vandemark, Vazquez,
Vecchi, Yu, Yueh, Zhu
+ science communication
+ field process studies

OSST = Infrastructure + Research

OSST = J(x) → max

Variables vs Controls

Budget – adequate split?

Focus – urgent science? future missions?

QUESTIONS?

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