

SCIENCE TO OPERATIONS SUPPORT
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Introduction

It is in SOPP Meteorology's best interest to continue to foster relations with science/academic agencies. This presentation will discuss current small projects that have been directly funded and solicit ideas to encourage NSF support of science that can move to operational applications. Through teaming we can improve operational forecasts and observations which in turn improve the chances of getting more science to the field.

Current Projects

Currently small projects have been directly supported to include updated satellite report, use of Antarctic composites on Air Traffic display, advanced meteorological satellite training (currently on hold due to lack of travel funds), and a Satellite Engineering Report.

Past Support

Efforts in the past have seen the greatest benefit with initiative commonly heralded as great successes. Projects from AMPS to AMRC and creative studies from Schwerdtfeger to Staude have allowed a comprehension to this remote environment. Recent article from Dr. Bromwich and Dr. Lazzara help to shed new light on the need for continuous studies with evidence of Western Antarctic warming. Even failed attempts as RIME provided an avenue for new support and achievements.

Issues

In this budget challenging era it can continue to be benefit to draw a link from science to operations. Unfortunately this can present its own challenges in that relationship. Meteorology is viewed as an area where science and operations are interlaced and operations greatly appreciates any effort in this regard but it is always a struggle to gain approval or adapt concepts to the operational floor without hindering the science effort.

Viewing any application as a cross level effort can impede the science and cast a system as "operational only" in a limited budget environment. It will continue to be in the forefront in fielded questions to operational personnel that acquired support from science initiatives is properly identify and credited to science. SOPP Operations is committed to this identification and provide due diligence in directing science functions toward the PI's.

SUMMARY

It is the goal of SOPP to continue to seek out minor funding initiatives and continue to encourage NSF to show favor to science that can move to an operational application. Improving Operational Forecasts and Observations improves the chances of getting more science to the field.