Global use of IMAPP Software by the Direct Broadcast Aqua and Terra Community

Kathleen Strabala*, Liam Gumley†, Allen Huang‡, Rebecca Cinti§, James Davies¶, David Hoese||, Elisabeth Weisz¶, Jeff Key*, Brad Pierce**

University of Wisconsin-Madison

*Space Science and Engineering Center  **NOAA/STAR/ASPB

International MODIS/AIRS Processing Package (IMAPP)

http://cimss.ssec.wisc.edu/imapp/

List of Countries That downloaded at Least 1 IMAPP Software Package (76)

Africa
- Algeria
- Angola
- Botswana
- Cameroon
- Egypt
- Ethiopia
- Ghana
- Kenya
- Nigeria
- South Africa

Asia
- Afghanistan
- Bangladesh
- Bhutan
- Brunei Darussalam
- Cambodia
- China
- India
- Indonesia
- Japan
- Kazakhstan
- Kyrgyzstan
- Lao PDR
- Malaysia
- Mongolia
- Myanmar
- Nepal
- Pakistan
- Philippines
- Singapore
- Sri Lanka
- Taiwan
- Thailand
- Turkmenistan
- Uzbekistan

Europe
- Andorra
- Austria
- Belgium
- Bulgaria
- Croatia
- Cyprus
- Czech Republic
- Denmark
- Estonia
- Finland
- France
- Germany
- Greece
- Hungary
- Iceland
- Ireland
- Italy
- Latvia
- Lithuania
- Luxembourg
- Malta
- Monaco
- Netherlands
- Norway
- Poland
- Portugal
- Romania
- Russian Federation
- Serbia
- Slovakia
- Slovenia
- Spain
- Sweden
- Switzerland
- Turkey
- Ukraine

Middle East
- Bahrain
- Israel
- Jordan
- Kuwait
- Lebanon
- Oman
- Qatar
- Saudi Arabia
- Syria
- United Arab Emirates

North America
- Canada
- Mexico

South America
- Argentina
- Bolivia
- Brazil
- Chile
- Colombia
- Costa Rica
- Dominican Republic
- Ecuador
- El Salvador
- Guyana
- Haiti
- Honduras
- Jamaica
- Paraguay
- Peru
- Suriname
- Trinidad and Tobago
- Uruguay
- Venezuela

Oceania
- Australia
- Fiji
- Indonesia
- Malaysia
- New Zealand
- Papua New Guinea
- Tonga

IMAPP Software Features

- Unique IMAPP Software Features

Future Enhancements

- Software Standards
- Future Enhancements
- Current Funding Through May 2017

- Updated MODIS Level 2 Atmosphere Software - Required after Terra Safe Hold
- Collection 6 Cloud Mask, Despearing
- MODIS Framework Updates
- Working with NASA Algorithm Developer
- Crystal Schaff

- BRDF Software Package Update
- Full Version of the BRDF

- IMAPP Applications Workshops
- Guan, 2017

- Currently no funding beyond May 2017

Looking for ways to continue support for Aqua and Terra IMAPP through lifetime of satellites (forecast through 2020).