

Matchup Database (MDB)

Task Team

Report #1, GHRSSST XXI

Igor Tomazic

Jean-Francois Piolle

MDB TT

- New Task Team initiated at GHRSSST XX, 2019, Frascati, Italy.
- Objective: **Suggest the way forward towards common SST MDB production method and assessment metrics and protocols**
- **Co-chairs:** Igor Tomazic, Jean-Francois Piolle
- **Participants:** Edward Armstrong, Gary Corlett, Chelle Gentemann, Jacob Hoeyer, Alexander Ignatov, Jorge Vazquez, Werenfrid Wimmer
 - Several more pending confirmation from the last year
- Possible interaction with other TTs (e.g. CDAF, SSES, Radiometers, ...)

Tasks (draft)

- Suggested tasks to be discussed and agreed during GHRSSST XXI

Draft Tasks for discussion:

- Compare existing MDB tools and their functionalities
- Identify metrics and protocols
- Round robin exercise on different MDB datasets
- White paper

Online collaboration

- Online platform available both during and between GHRSSST meetings
 - Will be used for continuous discussion throughout the year
- Forum
 - One forum with several topics:
 - for general discussion
 - to discuss and agree on tasks (based on suggested draft tasks)
 - to agree/nominate task leads
 - Each agreed Task will have its own topic for discussion
 - In case Task requires many subtopics it could be moved to separate forum (tbc)
 - Discussion summary per task topic is first updated in the description section of the topic and then moved to wiki section
- Wiki
 - Summarized and consolidated information based on the forum discussion
 - Outline for white paper preparation

Plan (tentative)

- Tentative schedule depends highly on agreed tasks and discussion frequency
- During GHRSSST XXI meeting
 - Agree on tasks and task leaders
 - Initiate MDB tools intercomparison and identify what functionality to compare
 - Initiate metrics and protocols discussion
- For GHRSSST XXII
 - Complete MDB tools assessment
 - Complete metrics & protocols
 - Initiate round robin