

DTC Charter Review & Discussion

WRF Executive Oversight Board
NOAA/OAR/ESRL/GSD, Boulder, CO
31 July 2007

Purpose

- The Governing Charter describes the policies and responsibilities of the signatory parties for mutual management and support of the DTC to test, evaluate, manage, and support common baseline software to users of NWP models.
- Proposed signatory parties: DOD/AFWA, DOC/NOAA, NCAR

Background

- The WRF Program was established by the WRF Agreement in Principle
- Under the WRF AIP, each partnering organization is committed to a good-faith best effort to participate in the WRF project.
- The WRF AIP provides for cooperative program management by the WRF Executive Oversight Board (WRF ExOB).
 - The WRF ExOB consists of one executive-level voting member from each of the WRF AIP signatory organizations
- The DTC was established in 2004 as part of the WRF Program

DTC Activities

- Management of the end-to-end WRF Codes
 - Contributed Codes
 - Reference Codes
- Support of WRF Codes to the Community
 - Access to the codes, tutorials, help desks, documentation
- Testing and evaluation of WRF Codes
 - Contributed Codes for elevation to Reference Codes
- Administration

DTC Management

- Executive Committee
- Director
- Deputy Directors
- DTC Management Board
- DTC Advisory Board

Executive Committee

- Provides overall policy, final executive oversight, and resource commitments for the DTC on behalf of the signatories
- Maintains coordination between DTC policy and that of the WRF Executive Oversight Board (ExOB).
- Receives and approves the DTC Annual Operating Plan (AOP), the DTC Annual Report, and the Annual Review of the DTC Advisory Board.
- Provides final approval authority for any unresolved DTC management problems referred by the DTC Director and Deputy Directors.
- Appoints the Director

Director

- Appointed by and accountable to the EC
- Receives advice from the WRF Coordinator and Advisory Board
- Final authority on use of DTC resources
 - In formulating the DTC AOP and budget the Director will account for agency priorities and any restrictions on resource allocations.
- Prepares
 - Annual Operating Plan
 - Annual Report to the EC of accomplishments
- Annual Evaluation is the responsibility of the Director's center, lab or agency with input from EC

Deputy Directors

- Each signatory agency may appoint one Deputy Director to the DTC
- Assists the Director
 - Charting direction of DTC
 - Establishing priorities
 - Establishing the annual budget
 - Assigning tasks to DTC staff

Management Board

- Consists of
 - Director
 - Deputy Directors
 - Additional members appointed by each of the signatories (one each)
- Assists Director
 - Preparing AOP
 - Annual budget
 - Codes to be tested

Advisory Board

- Appointed by Director and Deputy Directors
- Membership
 - WRF partnership represented on ExOB
 - Academic community
 - Private sector
- Advises Director
 - On emerging NWP technology
 - Decommissioning obsolete Ref Code
 - Selection of DTC visitors
- Conducts annual review of DTC with report to EC

Signatory Agency Responsibilities

- The parties signatory to this Charter are committed to a good-faith best effort to participate in providing oversight of the WRF DTC and resources to sustain it contingent on availability of resources.
- Resources provided by each signatory member (assigned positions, computing, and funding) may be directed at the discretion of that member to specific strategic DTC activities.
- All parties will support DTC administration in proportion to their fractional provision of total DTC resources.