

Intermountain West Data Warehouse (IWDW) Technical Committee

Date: March 22, 2016

Background:

In 2011, the U.S. Environmental Protection Agency Region 8 Office (“EPA”); the Bureau of Land Management State Offices, Colorado, Wyoming and Utah (“BLM”); the U.S. Forest Service, Rocky Mountain Region, Intermountain Region, and Southwestern Region (“FS”); the National Park Service Intermountain Region (“NPS”); the Colorado Department of Public Health and Environment (“CDPHE”); the Wyoming Department of Environmental Quality (“WDEQ”); and the Utah Department of Environmental Quality (“UDEQ”) signed the Memorandum of Understanding (MOU) for the Three State Study to collaboratively address the need to more efficiently and expeditiously collect air quality data and to develop a data warehouse that stores the data for assessing air quality issues in the inter-mountain west region. The Federal and State agency offices that are party to this MOU are hereinafter referred to as the “Cooperators.” After the completion of the Three State Study, the Cooperators signed another MOU for the Intermountain West Data Warehouse for Air Quality (IWDW-AQ) in 2016 to continue the maintenance and operations of the air quality monitoring, air quality modeling, and data warehouse. In the continuation of the study, the study expanded to include the Bureau of Land Management State Office in New Mexico (“BLM”); the Fish and Wildlife Service, Mountain-Prairie Region 6 (“FWS”); and the New Mexico Environment Department (“NMED”) as Cooperators.

The Intermountain West Data Warehouse (IWDW) is a repository of air quality data related to ambient monitoring data, emission inventories, meteorology, air quality modeling inputs and output, and evaluation and visualization tools. The IWDW has been developed to accommodate the needs of the Cooperators for air quality planning, including planning for the National Environmental Policy Act (NEPA) analyses. The data stored in the IWDW are available for use to the Cooperators and public for air quality projects.

As outlined in the MOU, the Oversight Committee may facilitate the creation of sub-workgroups on an ad hoc basis to address technical and operational questions. Based on the project needs, the Oversight Committee created a Technical Committee to support the project’s needs.

Purpose:

This document describes the IWDW Technical Committee, and outlines the roles, goals, scope, communications, and participants of the committee.

Goals:

The goal of this committee is to review the operations and work products developed by the IWDW-AQ study to ensure that the methodologies implemented in the monitoring, modeling, and data warehouse activities align with the Cooperators’ standards, and that the work products are comprehensive, of high-quality, and contain the documentation and evaluation agreed upon by the Cooperators prior to use in agency or air quality studies.

Roles:

The IWDW Technical Committee is a group of expert technical and program staff representing the Cooperators sponsoring and overseeing the IWDW and associated regional modeling efforts. The roles of this committee include:

- providing technical assistance and recommendations on the operations and work products developed by the IWDW-AQ study;
- acting as a main point of contact to the NPS Project Officers managing the CIRA staff operating the IWDW and the contractors conducting the air quality monitoring, modeling, and analyses; and
- providing any outcomes and recommendations to the IWDW-AQ study Oversight Committee on the operations and work products developed by the IWDW-AQ study.

Scope:

Prior to the finalization or authorization of any operations and work products developed by the IWDW-AQ study, the key Cooperators will have the opportunity to review the associated activities or documentation (SOPs, Evaluations, Data, etc.) and provide recommendations. On an as-needed or routine basis, the group will meet (conference call or in-person meeting) to discuss the activities and documentation to ensure that the activities or documentation fulfills the needs of the Cooperators. All work products, outcomes, or recommendations from this committee will be discussed and coordinated with the IWDW-AQ study Oversight Committee.

Communication Plans (Current as of February 2016):

- Meeting Time: Meets after completion of major task or on an as-needed basis to review and discuss the operations and work products
- Meeting Location: Facilities of the Cooperating Agencies or Conference Calls
- Communication Avenues: In-person meetings
Phone
Email
- Tracking System: IWDW-WAQS Technical Committee
<http://views.cira.colostate.edu/tsdw/Meetings/>

Key Cooperators:

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