DRAFT

Modeling Working Group January 17, 2008

Meeting Notes

Attendees: Nancy Kinner, Amy Merten, Kristin Bailey-McCarthy, CJ Beegle-Krause, Michel Boufadel, Debbie French McCay, Bill Lehr, Debbie Payton, Mark Reed.

- I. Subgroups
 - A. Emails
 - Group agreed to combine two biological groups into one based on Debbie French-McCay's email.
 - Group does not agree with Mark Reed's email to combine Oil Fates and Physical Transport because there is too much to cover in each topic.
 - o However, the fates and transport groups need to communicate because they are so similar.
 - B. Biological Group
 - Group Leader
 - o Debbie French-McCay
 - Missions
 - o Exposure evaluation
 - o Dissolved hydrocarbon droplets
 - o Uptake
 - o Pathways
 - o Lethal and sublethal effects
 - Mechanical
 - Toxicity
 - Phototoxicity
 - o Ecosystem level
 - o Defining trophic levels
 - o HEA
 - Additional Group Members
 - o CJ Beegle-Krause
 - o Amy Merten
 - o Alan Mearns or ERD rep
 - ARD rep
 - C. Physical Transport
 - Group Leaders
 - o CJ Beegle-Krause
 - o Michel Boufadel
 - Missions
 - o Meteorology
 - o Prediction and Forecasting

DRAFT

- o Data needs
- o Waves (Langmuir effects)
- o Mixed Layer Dynamics
- o Oceanography
- o Ice
- o Tide Convergence
- Additional Group Members
 - o Mark Reed
 - o Response Modeling Group rep
- D. Oil Fate
 - Group Leaders
 - o Mark Reed
 - o Bill Lehr
 - Missions
 - o Evaporation
 - o Natural and chemical dispersion
 - o Emulsification
 - o Photo Effects
 - o Sedimentation
 - o Ice Interaction
 - o Dissolution
 - o Resolution How is the oil represented?
 - o Shoreline interaction
 - Additional Group Members
 - o Michel Boufadel
 - o Debbie French-McCay
- E. Spill Response Modeling
 - Group Leaders
 - o Debbie Payton
 - O Wolfgang Konkel agreed via email
 - Missions
 - o Identify needs
 - Responder
 - Unique Environment
 - o Combining data
 - o Linking modeling to operational needs
 - o Address response options
 - o Transfer data ingestion
 - o Timescale
 - Additional Group Members
 - o Bill Lehr
 - o CJ Beegle-Krause
 - o Mark Reed

DRAFT

- F. CRRC Questions for Groups: What help is needed? How do you envision your paper?
 - Follow NRC type approach
 - Get groups to fit together
 - o Same space and time
 - o Each group shares first draft so as to make one seamless document
 - o Create an "uber" group everyone in Modeling Working Group including Whitney Blanchard and ARD person
 - A. Merten to find ARD person
 - Central Posting Area
 - o UNH will provide a working forum
 - UNH to get Blackboard up and running for groups
 - Possible Video Conferencing for calls
- G. Group Email due at 5pm PST on $\frac{2}{7}/08$
 - Include:
 - Subgroup mission
 - o Areas of overlap of missions between subgroups
 - o Any additional subgroup members
 - o What additional help is needed from CRRC?
- H. Next Conference Call
 - February 13, 2008 at 12:00 pm EST