

# 2008 Survey Results



**DSM2 USERS GROUP**

**MIN YU**

**JANUARY 29, 2009**

# Results on meeting format

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## Rating scale

1-5

poor – acceptable – excellent

Organization	4.8
General satisfaction comparing with last year	3.2
Overall evaluation	4.7

## % Responding favorably

Have learned something which could be applied to studies	67%
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# Topics that most useful to you

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## **DMS project status**

## **DSM2 applications**

- Using PTM with surveyed fish data (e.g., PEI)
- Impact on Delta ops due to sea level rise
- Developing animation of DSM2-QUAL output

## **DSM2 tools**

- Modify grid and input files

## **DSM2 calibration issues** (e.g., EC at Martinez)

## **Predicting OMR flows**

# Newsletter

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**64% found it useful**

## **What you liked**

- Concise and useful information on various project status
- Climate change info included

## **Suggestions**

- More details
- More on climate change

# Preferred meeting frequency

5



45%

45%

10%

# General impression of DSM2

as a tool for Delta Analyses

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- **Useful tool**
- **Not initially user friendly**
- **Due for recalibration**

# Particular enhancement that is needed in DSM2

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- **Recalibration**
- **Development**
- **Documentation**
- **Version 7**

## Particular enhancement that is needed in DSM2

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### **Recalibrate**

- “with attention to the issue of EC not being conservative”
- “improving the EC calibration, especially in the SD with SDIP gate operations”
- “for various hydrologic conditions”

# Particular enhancement that is needed in DSM2

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## **Develop**

- enhanced DICU model and associated input data
- “3-D channel bathymetry model that would form a rational basis for developing 1-D cross-sections”
- accurate representation of flooded Liberty Island to improve the emulation of tidal flows in SAC River
- enhanced post-processing
- larger array size and provide the new executables to users
- capability to simulate sediment transport
- capability for 3-D modeling
- “updating water quality functions (e.g., temp, DO, nitrogen, and algae)”

# Particular enhancement that is needed in DSM2

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## **Documentation**

- improved documentation needed
- better tutorial
- centralized location
- library of studies

# Particular enhancement that is needed in DSM2

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## **Version 7**

- make it publicly available
- implement the Aqueduct Extension

# Suggested topics for future meetings

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- **Temperature modeling in Delta**
- **Updates on Version 7 or 8**
- **Updates on REALM**
- **User training**

# Looking ahead...

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- Three regular meetings this year plus one Summer Newsletter
- Updates to include project status on recalibration, new model enhancements, REALM, and studies related to climate change
- CSDP workshop
- Presentations on Temp & DO modeling
- DMS/DSM2UG website new portal development

*Thank you!*