



# Capacitação para a Rede Hidrometeorológica Nacional: Monitoramento Contínuo de Qualidade da Água

## WORKSHOP AGENDA

### Monday, October 16

9:00 am	Introduction and announcements
9:30 am	Overview of continuous water-quality monitors <ul style="list-style-type: none"><li>• Use</li><li>• Major types, w/focus on YSIs</li></ul>
10:30 am	BREAK
10:45 am	Operating principles <ul style="list-style-type: none"><li>• Description of parameters measured</li><li>• How probes work</li></ul>
12:00 pm	LUNCH
1:30 pm	Operating principles, cont
2:30 pm	BREAK
2:45 pm	Site selection
3:30 pm	<i>Site selection exercise</i>
4:00 pm	Installation and mounts
5:00 pm	ADJOURN FOR DAY

### Tuesday, October 17

9:00 am	Questions/Review
9:30 am	Calibration
10:30 am	BREAK
11:15 am	Calibration, cont
12:00 pm	LUNCH
1:30 pm	QA/QC
2:45 pm	BREAK
3:00 pm	Programming and configuration, with demo
4:00 pm	<i>Programming exercise</i>
5:00 pm	ADJOURN FOR DAY



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## Wednesday, October 18

9:00 am	Questions/Review
9:30 am	Documentation, field forms
10:30 am	General steps for servicing CWQM gages
11:00 am	BREAK
11:15 am	Cleaning and other servicing steps
12:30 pm	LUNCH
1:30 pm	Field Day – Local Site Visit <ul style="list-style-type: none"><li>• Cross-section measurements</li><li>• Site selection</li><li>• Installation</li><li>• Configuration</li><li>• Calibration</li><li>• Comparisons with field meter</li><li>• Measurements</li></ul>
4:30 pm	Return to Office
5:00 pm	ADJOURN FOR DAY

## Thursday, October 19

9:00 am	Questions/Review
9:30 am	Concepts of data corrections Installation <ul style="list-style-type: none"><li>• Fouling</li><li>• Drift</li></ul>
10:30 am	Record computations - brief explanation
11:00 am	BREAK
11:15 am	<i>Data correction and record processing exercise</i>
12:00 pm	LUNCH
1:30 pm	Equipment troubleshooting
2:45 pm	BREAK
3:00 pm	Equipment troubleshooting, cont



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4:00 pm SDI-12 Setup, interfacing with DCP's

- Do a demo
- *Group exercise*

4:30 pm Questions, open discussion

5:00 pm ADJOURN

## **Friday, October 20**

9:00 am Questions/Review

9:30 am Certificate presentation/Wrap up