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**USING WIRELESS SOIL MONITORING TO IMPROVE
IRRIGATION EFFICIENCY, MANAGE SALINITY ISSUES AND
IMPROVE TURFGRASS HEALTH AND PERFORMANCE**

CARMEN MAGRO CGCS
VP of Agronomy, Advanced Sensor Technology

JANUARY 19, 2010
Four Points Sheraton Pittsburgh North
910 Sheraton Drive, Cranberry, PA 16046

HALF - DAY SEMINAR
8:00 AM - 12:00 PM
REGISTRATION - 7:00 AM

- **THE IDEAL ROOTZONE?**
 - Soil conditions
 - Root stimulating conditions
 - Negative conditions and their effect on roots and plant performance
- **TURFGRASS PERFORMANCE**
 - Soil effects on surface conditions
- **WHAT CAN WE MEASURE?**
 - Soil Moisture
 - Soil Salinity
 - Soil Temperature
- **ACCURACY AND PRECISION**
- **HOW DOES IT WORK**
 - Installation components
 - Specifications
 - Data interpretation
- **APPLICATION (Data correlation with sub-surface and surface conditions)**
 - Moisture
 - Salinity
 - Temperature
- **LIVE DEMO OF VARIOUS PROPERTIES**

GCSAA CREDITS HAVE BEEN APPLIED FOR