



Metropolitan Water Reclamation District  
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*Executive Director*



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## SPEAKER PROFILES

### **Dr. Dominic Brose**, *Associate Environmental Soil Scientist, MWRD*

Dr. Brose's work focuses on composted biosolids, urban soils, and water quality. Prior to joining the MWRD, Dr. Brose was a program officer for the Science and Technology for Sustainability Program at the National Academies of Science, Engineering, and Medicine, directing workshops on urban sustainability and the recovery and reuse of waste products.

### **Joe Kratzer**, *Principal Civil Engineer, MWRD*

Joe has been with MWRD for 13 years and is in the Stormwater Management section. Through a variety of engineered solutions—both green and grey, and flood-prone property acquisitions, the MWRD's stormwater program addresses both regional and local flooding problems throughout Cook County.

### **Dr. Kuldip Kumar**, *Senior Environmental Soil Scientist, MWRD*

Dr. Kumar is responsible for developing and evaluating innovative technologies for wastewater treatment and recovering resources from wastewater, such as clean water, energy, and nutrients while protecting air and water quality. Since 2007, he has served as Associate Editor of the Journal of Environmental Quality and since 2008, he has been Senior Associate Editor of the Agronomy Journal.

### **Dr. Wale Oladeji**, *Associate Environmental Soil Scientist, MWRD*

Dr. Oladeji, who has been with the MWRD since 2010, provides technical assistance and oversees the MWRD's beneficial biosolids reuse programs to ensure the users comply with regulations and follow appropriate Best Management Practices to protect the environment.

### **David St. Pierre**, *Executive Director, MWRD*

The MWRD has been a leader in the industry since its creation in 1889, and David is committed to ensuring this rich tradition of leadership continues under his tenure. David has been committed to excellent service and fiscal responsibility throughout his 30-year career in the water industry.

### **Nichole Sheahan**, *Project Manager, Chicago Park District*

Nichole is a landscape architect and certified parks and recreation professional with Chicago Park District's Department of Planning and Construction. She managed the design and construction of Maggie Daley Park, a 27 acre world class, multi-functional park in the heart of Chicago.

### **Mariyana T. Spyropoulos**, *President, MWRD Board of Commissioners*

Elected in 2010, Mariyana serves as Chairman of three committees: Judiciary; Pension, Human Resources and Civil Service; and Real Estate Development. She also serves as a Trustee on the Pension Board. In January 2011 and 2016, the Board of Commissioners appointed her to the Public Building Commission.

### **Dr. Guanglong Tian**, *Supervising Environmental Soil Scientist, MWRD*

As the head of the Biosolids Utilization and Soil Science Section, Dr. Tian manages the MWRD's biosolids utilization program, regulatory biosolids and groundwater monitoring and reporting, biosolids composting and utilization of composted biosolids, and agricultural nutrient loss reduction initiative at MWRD's Fulton County site.

## FOURTH ANNUAL SUSTAINABILITY SUMMIT

*Recovering Resources to Become the Utility of the Future*

Friday, October 7, 2016

9 a.m. — noon

Maggie Daley Park

337 East Randolph Street, Chicago, Illinois

### **Welcoming Remarks**

Mariyana T. Spyropoulos, *President, MWRD Board of Commissioners*

### **State of the District**

David St. Pierre, *Executive Director*

### **Stormwater Management Update**

Joe Kratzer, *Principal Civil Engineer*

### **An Overview of Maggie Daley Park**

Nichole Sheahan, *Project Manager, Chicago Park District*

### **Benefits of Biosolids/Composted Biosolids**

Kuldip Kumar, *Senior Environmental Soil Scientist*

### **The MWRD's Sustainable Composted Biosolids Use Program in Chicagoland**

Guanglong Tian, *Supervising Environmental Soil Scientist*

Wale Oladeji, *Associate Environmental Soil Scientist*

Dominic Brose, *Associate Environmental Soil Scientist*

### **Biosolids Users and Sustainable Landscaping Awards Presentation**

MWRD Board of Commissioners

### **Tour of Maggie Daley Park**