**2023 AzOWRA Onsite Wastewater Educational Conference**

**Water – Reuse It or Lose It**

**Payson, Arizona**

**Meeting Schedule**

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| Tuesday, March 7, 2023 Pre Conference | |
| 2:30 pm to 8:00 pm | **Exhibitor Setup** |

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| Wednesday, March 8, 2023 Special Session – Fireside Room | |
| **8:**00 am to 12:00 pm | **Realtor CE Course (A Real Estate Agent’s Guide to Septic**  **Inspections & ADEQ Rule) Class**  **Doug Adcox, San Tan Realty, Sunset Septic Service, San Tan Construction** |

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| Wednesday, March 8, 2023 | |
| 7:00 am to 8:00 am | **Registration /Breakfast /Exhibitors** |
| 8:00 am to 8:15 am | **President’s Welcome & Overview of the Current Condition**  **of the Arizona Onsite Industry**  **AzOWRA President Dave Bartholomew, President, Bartholomew Water Services Inc.** |
| 8:15 am to 9:15 am | **Water Reuse on the Space Station compared to Arizona**  **Keynote Speaker: Jay Garland, Lead Microbiologist, USEPA** |
| 9:15 am to 10:15 am | **Arizona Department of Environmental Quality (ADEQ) Onsite Wastewater Rulemaking Update, 5 Year Onsite Industry Plan, Stakeholder Input, Agency Reorganization to Support the Onsite Industry**  **ADEQ Water Quality Division Director** |
| 10:15 am to 11 am | **Visit Exhibit Booths and Learn – how their technology can meet reuse standards or be part of a water reuse system** |

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| 11 am to 12 noon | **Characterizing Challenging and High Strength Wastewater Sources**  **Dr. Sara Heger, University of Minnesota, NOWRA Past President** |
| 12 noon to 1:00 pm | **Visit Exhibit Booths to Learn and have Lunch too.** |
| 1:00 pm to 2:00 pm | **Best Practices for Overcoming Site Challenges using Subsurface Drip Irrigation Dave Morgan, Geoflow** |
| 2:00 pm to 3:00 pm | **Design and Management for Challenging Wastewater Sources**  **Dr. Sara Heger, University of Minnesota, NOWRA Past President** |
| 3:00 pm to 3:45 pm | **Visit Exhibit Booths and Learn** |
| 3:45 pm to 4:45 pm | **There is a Need for Distributed Water Reuse Systems in the Southwest**  **Dr. Bob Rubin, Professor Emeritus, North Carolina State University** |
| 4:45 pm to 5:00 pm | **Overview of NOWRA Activities**  **Dr. Sara Heger, University of Minnesota, NOWRA Past President** |
| 5:00 pm to 8:00 pm | **BBQ Mixer & Roe-d-Hoe Competition at Rumsey Park** |

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| Thursday, March 9, 2023 | |
| 7:00 am to 8:00 am | **Breakfast** |
| 8:00 am to 9:00 am | **EPA Overview of Water Reuse Blue Ribbon Commission**  **Jay Garland, Lead Microbiologist, USEPA** |
| 9:00 am to 10:00 am | **Importance of Operation and Maintenance for Water Reuse**  **Dr. Bob Rubin, Professor Emeritus, North Carolina State University** |
| 10:00 am to 10:45 am | **Visit Exhibit Booths and Learn** |
| 10:45 am to 11:45 am | **Emerging Wastewater Technologies in Use by the Military**  **NSF International** |
| 11:45 pm to 12:45 pm | **Lunch – AzOWRA Annual Membership Meeting** |
| 12:45 pm to 1:15 pm | **Visit Exhibit Booths and Learn** |
| 1:15 pm to 2::15 pm | **Update on Reuse/Pathogens of Concern; parameters**  **Dr. Charles P. Gerba, Professor, Environmental Science, University of Arizona** |
| 2:15 pm to 2:45 pm | **Current Water Conservation Measures in the Arid Southwest Implemented by Las Vegas**  **John Ensmeyer, Southern Nevada Water Authority** |
| 2:45 pm to 3:30 pm | **Visit Exhibit Booths and Learn** |
| 3:30 pm to 4:30 pm | **Nutrient Recovery from Wastewater Streams**  **Dr. Treavor Boyer, Program Chair, Environmental Engineering, Arizona State University** |

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| 4:30 pm | **End – thank you for coming – see you next time!** |