



A "Save the Date" Announcement

Antibiotic Resistance in Agroecosystems: State of the Science

WHO

Scientists and students focused on environmental antibiotic resistance (AR).

WHAT

A workshop to discuss and debate best available methods to measure antibiotics, track AR bacteria and AR genes, and determining background/baseline levels of resistance.

HOW

Participants will meet and then break out in three working groups each focused on the following themes:

- 1) challenges of measuring background and natural levels of resistance,
- 2) accurate quantification of trace concentrations of antibiotics in environmental samples,
- 3) microbiological methods for tracking resistant bacteria and genes.



- **August 5-8, 2014**
- International researcher-oriented workshop format
- Focus on AR in soil and water
- Meeting Facilities:
 - Biosphere2 Conference Center, Oracle, Arizona
- Student mentor program

Meeting Outcomes:

Identification of tools and quality control measures for tracking antibiotics, antibiotic resistant (AR) bacteria and antibiotic resistance (AR) genes farm-to-fork that can be used to inform quantitative risk assessment models.

Establishment of a cooperative network of researchers and students focused on occurrence of antibiotics and AR in agroecosystems that can serve as the basis for collaborative cross-laboratory validation of the identified tracking tools.

Workshop Location:

Located in the beautiful Catalina Mountains foothills, the B2 Conference Center comprises a fully networked Campus Village of 28 Santa Fe-style casitas. Complete with in-suite kitchens, living areas, and high-speed internet access, the 3-5 bedroom casitas are all in easy walking distance and provide the perfect place to unwind and socialize in-between or after meetings. Scholarships available to help with registration and on-site housing costs.



E-mail to be put on mailing list.

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