

RCN CE3SAR Participants Profile

Introduction to Participants of CE3SAR:

In order to provide a forum to allow participants to get to know each other and each other's research activities, the RCN CE3SAR Participants Profile has introduced participants' basic information and their expertise.



Humberto Almaraz is an early childhood educator, who is the creator and developer of [Toby Globy Eco Team](#), the theme of which is a simple "grass roots" **curriculum supplement** for instructors who teach conscientiousness, responsibility and respect for our ecosystem in fun but meaningful ways to

children at the youngest age. He would like to collaborate on sustainability curriculum development. Please click on [song](#) to listen to a sample (Spanish) version included in one of the program's classroom plays.

Contact email: tobygloby@aol.com



Jamie Foster works as an assistant professor of Forage Agronomy and Ecology at Corpus Christi Research & Extension Center. Professor Foster's expertise is **evaluating sustainable forage systems by assessing the soil-plant-animal interface** and determining the effect of the system on **water**

quality and nutrient cycling. Focus is on the incorporation of legumes to improve soil nitrogen and resource use efficiency. Her collaboration intention is to participate in collaborative teams for research funding, information dissemination, and guiding policy decisions for an economically and environmentally sustainable South Texas.

Contact email: jlfoster@ag.tamu.edu



Josephine C. Longoria is the Regional Laboratory Director of Guadalupe-Blanco River Authority-Regional Laboratory. Her expertise is **Water/Wastewater/Surface Water/Industrial Water Analytical Expertise** as well as a variety of regulatory requirement

knowledge. She would like to assist with future studies on surface water, groundwater, treated water etc.

Contact email: jlongoria@gbra.org



Pamela Plotkin is the Director of Texas Sea Grant College Program and associate research professor at Texas A&M, Department of Oceanography. Director Plotkin has extensive experience studying and working along the Texas coast on a

wide variety of **marine issues**, such as sea turtle conservation, etc. She would like to conduct research to inform and influence domestic and **international policies and conservation practices**.

Contact email: plotkin@tamu.edu



Rains N. Ibragimov is the Chair of the Department Graduate Committee and associate professor in the Department of Mathematics at the University of Texas — Brownsville. He is also the Editor-in-Chief for [Mechanical Engineering Research](#).

Professor Ibragimov's research areas are **Applied Mathematics**, and **Mathematical Modeling in Physical, Engineering and Geophysical Fluid Dynamics** (e.g. **surface/internal waves, atmospheric and ocean dynamics, coastal ocean modeling with applications to alternative energy modeling**). One of the key features in his approach is the combination of the approximate forms of the governing equations in mathematical modeling with careful and precise analysis. Professor Ibragimov is looking for potential opportunities for collaboration and also to acquire knowledge and experience in other disciplines.

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Bill Whitfield is a former Mayor of McKinney, Texas. He is also a concerned citizen about Texas sustainability. Mr. Whitfield has dedicated to **water sustainability**, such as promoting water-saving grass in McKinney. **Helping metropolitan areas learn**

how to use natural resources in a responsible, conservative manner is the goal Mr. Whitfield is pursuing. He would like to contribute his experience and intelligence to South Texas sustainability development via CE3SAR project.

Contact email: bgwconsult@aol.com



Lisa Williams is a conservation science and strategy specialist at [The Nature Conservancy](#). Her career with the Conservancy began in 1993, first as a Land Steward and later as a Project Director, all in South Texas. In 2008, Lisa accepted her current position in San Antonio in which she conducts planning for projects across the state, develops conservation strategies, and helps staff develop strategy implementation plans. A particular interest of hers is incorporating climate change adaptation strategies into the Conservancy's planning process. Lisa has expertise in **Tamaulipan thornscrub habitat restoration; conservation planning and preserve design; and development of climate change adaptation strategies for communities and ecosystems**. She would like to help ensure that nature is an important factor throughout the planning process and that consideration of the effects on nature is a part of any solutions that are proposed or implemented.

Contact email: lwilliams@tnc.org



Ronald T. Green is an Institute Scientist at [Southwest Research Institute](#). Primary responsibilities for Dr. Ronald Green in the Geosciences and Engineering Division at Southwest Research Institute are to provide technical expertise in

groundwater hydrology and environmental geophysics. His special expertise is in **porous media and karst hydrology, groundwater modeling, near-surface geophysics, in-depth study of the Carrizo-Wilcox, Edwards, Trinity, and Edwards-Trinity Aquifers**. Dr. Green would like to provide technical guidance and assistance in water-resource assessments and water-budget analyses with emphasis on arid-land environments.

Contact email: rgreen@swri.edu



Valerian Miranda is the Director of CRS Center for Leadership, Management and Innovation in the Design and Construction Industries at Texas A&M University. Dr. Miranda also holds the Thomas A. Bullock Endowed Chair in Leadership and Innovation in

the College of Architecture. His areas of research interest are **design process, innovation, environmentally responsible design, and architectural computing**. His professional experience covers **master planning, programming and design** in the **educational, commercial, institutional and healthcare sectors of architectural practice**. He would like to collaborate with others in sustainable design and planning areas.

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