Water Technological Research Institute, Lic. Arturo Gleason Santana, Civil Association. (Instituto de Investigaciones Tecnológicas del Agua, Lic. Arturo Gleason Santana, A.C.)

On 22nd, November, 2013th. In Guadalajara, Jalisco, Mexico, the Water Technological Research Institute, Arturo Gleason Santana, Civil Association, IITAAC (for its acronym in Spanish) was founded. The event took place at the National Chamber of Commerce of Guadalajara.

The institute was created, with the purpose to create a water investigation projects in order to implement a sustainable water management and to generate knowledge and conscience of the importance of water to the society and the world.

In the event participated, from Germany: MLS. Marco Schmidt, from Holland: ENG. Han Heijnen, from USA: ENG. Billy Knifen, and from Mexico: PhD. Arturo Gleason; in the first international cycle of conferences “Water and Technology”.

The conferences were: “A new paradigm by: Marco Schmidt. “Technology to raise household water security” by: Han Heijnen. “The heart and soul of an effective rainwater collection system” by: Billy Kniffen. And the presentation of IITAAC by: Arturo Gleason.

(Billy Kniffen, Arturo Gleason, Marco Schmidt and Han Heijnen
Foundation of IITAAC

Mission and Vision

The institute works with young students and professionals, whose mission is to develop projects that can collaborate and do a comprehensive management of water resources, at the same time creating a new development and technological innovation in the service of society.

The vision is to be a scientific research institute of the highest level and prestige, which may provide the scientific knowledge related to water around the world. IITAAC, counts with three areas of investigation:

a) Studies of integral water management in cities.

b) Social participation and;

c) Development of Prototypes.

Storm-hunter

One of the first actions for IITAAC, was the launch of "Storm-hunter". It is a mobile monitoring unit with a rainwater catchment system, RWH (“SCALL” for its acronym in Spanish) to measure the quality and quantity of rainwater in a specific places of Guadalajara City. The “Monitoring Mobile Unit” has its five stages systems as well as a meteorological unit and additionally devices as water quantity and quality measurement kits.

This Unit will be working on the previously established city points in order to demonstrate it and rain monitoring.

The Institute Team Proposal for this Mobil Unit has a truck that contains a dry box for rainwater catchment system and the water quantity and quality measurement kits, live roof, demonstrative experimental models, removable stage and personnel rest areas.

In addition to the work of a scientific nature, the mobile unit aims to implement and promote the new culture of water and environmental education. As well as a new perception about the "Rain Water Value" will be created, allowing take care and advantage of "Rain Water".

People will learn the function and implementation on their own houses.

Storm Hunter with its crew : Cristobal García and Lizeth Ambris,