



Tamil Nadu Agricultural University
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To

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The Editor,

Sir,

I request that the following matter may kindly be published in your esteemed daily:

World Water Day celebrated at TNAU

World water day was celebrated at Tamil Nadu Agricultural University (TNAU) on Mar. 2, 015 by the Directorate of Water Technology Centre & NSS the unit of Dean, (Agriculture), TNAU, Coimbatore.

Earlier Dr. B.J. Pandian, Director, water Technology Centre, TNAU welcomed the gathering. In his welcome addressed he cautioned, the importance of water must be understood, due to scare nature, shrinking water bodies. Realizing the importance of water and water crisis stalwarts a water have created lot of irrigation structures, rejuvenated the tanks and desolation was done in Noyyal for strengthening the water bodies.

Dr. K. Palanisamy, Former Director, Water Technology Centre, TNAU, Coimbatore while recollecting the water issues, reported that water is a scare commodity and there existed has created huge supply demand gap of 20% in nationally and the Tamil Nadu supply demand gap is 55%. He also suggested strategies for the optimization of water usage for next 50 years due to certain interventions through which water. He conserved and used efficiently at farm level and system level. He also said the micro irrigation work was carried out and made it relevant Tamil Nadu making the potential coverage of only 10% that is 4.2 million hectare out 43 million hectare. He recalled the Gujarat model were 300% coverage was made an 100% micro irrigation villages were achieved. He suggested that, large scale awareness programme, capacity building and solar energy resources must be capitalized for 100% target area of micro irrigation.

Dr. R.K. Sivanappan, Professor (Retd.), TNAU, Coimbatore said due to manmade disaster water availability is lessened. He said 7 billion population water availability is 4 times which means, 5 billion population can live with the available water. He stressed, the need for proper management and conservation of water like 195 million hectometer surface water, 43 million hectometer of ground water and 400 hectares of available water apart from regular annual rainfall of 925 mm to avoid scarcity of water. He said 1700 ltrs. Per

day per person means the waters adequate. If it is 450 ltrs. Per day per person than if is called in European countries 50% of water is used in agriculture and 50% of water drinking and for industry whereas in India 90% of water is used for agriculture and only 10% is used for industry. He also exhorted rain water harvesting mechanism, desalination of water bodies and augmenting the yield potential crops and proper conservation of water are the critical areas that are to be taken care off.

Dr. Shivalingam, Asst. Executive Engineer wanted that the information technology must be properly used to get easy access information an action oriented approach along with sharing of information on the deleterious impact of mother earth must be sensitized to the public and all possible ways must be adopted to avoid wastages of water in Hotels to the tune of 30,000 ltrs. per day exploitation of natural resources must be reduced. Along with proper recycling of water to bring food security and to fight hunger.

Dr. K. Ramasamy, Vice-Chancellor, TNAU, Coimbatore recalled the traditional way of water conservation by quoting the epithets of Silapathikaram and way in which solar have demarked Cauvery river and its confluences and other irrigation structure which were intelligently made during the ancient days. He also said how the Combodians have emulated the culture and heritage of India and erected temples of Indian Structure. He scientifically brought out the concepts of hydrolyzes and how water is omni presented and how it helps in conversation into light energy and electrical energy. He exemplified the Kollidam water conservation, Ponneri catchment, Veeranam and its advantages which are the telling examples of water conservation methodologies adopted by Tamil Nadu. Moreso, how Allayathi Forest of Muthupettai stood test of time and how the technologicalities of water energies solve the water issues. He also reiterated that the mecaley and how he had brought out the works of Indians on irrigation management. He also recalled the budget allocate for action plan which rose to 1500 crores to 7000 crores.

4 short films were released on water issues and lots of slogans were also depicted for causing the water crisis. An exhibition was also arranged to showcase the water conservations and water management.

Finally, Dr. Raviraj, Professor, Dept. of Plant Pathology, TNAU, Coimbatore proposed a formal vote of thanks.

Public Relations Officer