

Indo-Spain Webinar

On

“Electrolyzed water and its application in Agriculture”

On

3th August 2022

Time: 02:00 pm (Indian Standard Time) onwards



Organized & hosted by:
Dept. of Agriculture,
MM (DU), Mullana

Registration Link:

<https://forms.gle/DZwspRQkBVbsqR7d9>

Link to join online: Indo-Spain Webinar

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Management (SSARM) – India.
& MSME, Karnal

In India, we share 4.2% of the potable water (of 1% total potable water on earth) which signifies a stringent competition for its uses in agricultural, domestic, industrial and municipality purposes. Therefore, water is a commodity and its safe use and quality assurance is valuable for all stakeholders. Organic/ Inorganic pollutants diminished the quality of water, hence its safe use for different purposes. In agriculture and food industry, the entry of pollutants in food chain will pose threats to human and livestock health. Therefore, removal of these pollutants is utmost

imperative and essential. Removal of pollutants using physical, chemical, microbial & other biological methods offers some promise but with many limitations. In this sequel, a new technology generated by a specially designed reactor named as electrolyzed water based on electrolysis of saline water, also known as alkaline water have been developed. In this process, hypochlorite ions are generated which have biocidal properties and is 100 times more effective than treating water only with chlorine ion. EW has potential application for improving waste water for irrigation. It has its proven role in COVID situation as a sanitizer. In Haryana, about 55% underground water is brackish and of poor quality which is hardly useful for domestic and agricultural uses. Likewise, at some places underground water has certain amounts of heavy metals like Uranium. Mitigation of salinity and heavy metals are important. In view of the above facts, today's Webinar is used to explore the possibilities of harnessing gains of electrolyzed, desalinated water in Agriculture and Food Industry.

Opening Remarks



Prof. V. S. Pahil
Director, AGRI



Dr. K. W. Giorgis
FSDAA – AASF



Prof. D. P. Singh
President, SSARM



Prof. R. K. Behl
Webinar, Chair



Dr. Ridhima Arya
Convener



Dr. Manpreet Kaur
Co-convener

Distinguished Speakers



Er Gregoire Gaurne,
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**Prof Dr V.S. Pahil, Director
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Prof. R. K. Behl

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