

Global Food Security and Sustainability Conference

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UNCSD Rio+20 Focal Point, Libya

Sustainable integrated water resources management for energy production and food security in Libya

After presenting an overview of sustainable integrated water resources management at global, regional, national and local level for enhanced energy production and food security, paper presents Libya based academies, universities, high institutes technical colleges and Research Centers initiatives to reduce, reuse & recycle resources product and services (3Rs) for rebuilding the country to combat climate change impacts induced by 2011 Libyan crisis. It shows how the country is engaged in preparing actions, accords, ideas and best practices to mitigate the impact of projected extreme events and weather by considering low carbon, resource efficient measures and enhanced use of renewable to tackle impending climate change. 28 hot spots in Libya are identified to convert them to bright spots. An initiative on water-energy-food nexus is established to focus on the interdependence of the three strategic resources by understanding the challenges and finding opportunities. The nexus objectives are 1) To improve energy, water and food security 2) To address externalities across sectors and decision-making at the nexus & 3) To support transitions towards sustainability. To resolve Libyan problem, UNCSD Rio+20 Focal Point has undertaken activities in developing a framework for water security and climate resilience development using IWRM as a Tool in line with UNFCCC guidelines on fresh water resources and climate change adaptation. The objective is to help in not only promotion of a global climate change processes in general and Libya in particular as reflected in intended nationally determined contributions (INDC) presented during UNFCCC COP 21 Dec 2015 conference.

Biography

Satya P Bindra is a Principal Resource Person for UNCSD Rio+20 Focal Point Libya & his numerous initiatives served DAAD Fellow Germany & global strategic management institute USA & Professor in India, UK, Germany, Kuwait, Jordan, Iran, Malta and in Libya. He has published over five hundred scientific papers, ten books and numerous research reports. As Professor in Iran, Malta and Libya he developed numerous programs related to UN best practices, food security and setting up crisis and risk management centers. As a Consultant for Consultative Council in Malta and Libya he offered capacity development programs for agriculture & project management.

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