



Drip irrigation system in Nepal using nitrogen rich supermatanat after urine struvite precipitation.

WATER AND SANITATION

Developing efficient waste treatment solutions and reuse possibilities in agriculture.



Research Areas

- Sustainable water sanitation and solid waste concepts;
- Technologies for water supply, environmental sanitation, and solid waste management;
- Recovery of nutrients, energy and water from waste and reuse in agriculture.

Regions

Bangladesh, Bolivia, Ghana, Guatemala, India, Indonesia, Kenya, Malawi, Nepal, Peru, Senegal, South Africa, Tanzania, Thailand, Uganda, Vietnam, and Zambia.

Partners

In the above mentioned countries the group collaborates mostly with local universities; research organizations; NGOs; utilities; and development agencies.

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Contribution to the WFSC

The group of Water and Sanitation in Developing Countries uses applied research to find concepts and technologies for extracting value from waste products for reuse in agriculture or other food production systems. Strengthening the synergies between waste treatment and productive use is key to develop sustainable water and sanitation solutions. Sanitary engineering, waste management and agriculture need to interact strongly to develop better integrated approaches and solutions for the world food system.



Dr. Christian Zurbrugg

