

# Dr. Jadeja Yogendrasinh

## PERSONNEL

**February 12, 1969, Male, Married**  
**English, Hindi, Gujarati**



## CONTACT

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## EDUCATIONAL BACKGROUND

| Degree   | Institution  | Year |
|--|--|------|
| Ph.D. (Geology)                                  | M.S. University of Baroda, Vadodara, Gujarat, India          | 2005 |
| Post Graduate Diploma in Ecology and Environment | Indian Institute of Ecology and Environment, New Delhi       | 1999 |
| M.Sc. (Geology)                                  | M.S. University of Baroda, Vadodara, Gujarat, India          | 1993 |
| B.Sc. (Geology)                                  | Shree R.R. Lalan Collage, Gujarat University, Gujarat, India | 1991 |

## WORK EXPERIENCE

From September 1993 to February 2004 worked with Sahjeevan (formerly known as Jan Vikas Ecology Cell), Bhuj, a voluntary organization working on the eco-restoration and development aspects of the Kachchh region of Gujarat State. It emphasizes on empowering the rural communities to make choices for development through an active process of organizing and lobbying. It supports its activities by research and development studies to generate sustainable livelihoods. The organization operates through three main unit viz., Water Resources Unit, Biomass Unit, and Human Institution Development Unit.

Currently I am working with Arid Communities and Technologies (ACT-Bhuj) as Director, from March 2004. ACT is a professional voluntary organization (PVO) based at Bhuj with a mission *to strengthening livelihoods of communities in arid and semi-arid regions by resolving ecological constraints through, provision or facilitation of access to technologies, or engender technological and institutional solutions in collaboration with communities*. It is important to mention that I was the main founder member of this institute.

My position in Sahjeevan was Programme Coordinator and major responsibilities lies with the Water Resource Unit. Following were the major description and activities have been carried out during this period

- Coordination of all water programme of the organization such as to carry out planning, technical designing, holding research and studies related to water, designing of various programme,
- Functions as Unit In charge such as team building and motivation, capacity building planning of team etc.
- Functions as core team member which is a policy level decision making body for the organization

I am one of the founder members of Arid Communities and Technologies and holding a position of Secretary in this registered trust and society as well as functioning as a director and major responsibilities are as follow

- To give directions and build vision for the organizational planning and to design programme to achieve decided goal
- To provide guidance and motivation to all the members of the organization
- To financial securities to the organization
- Coordination with partners

My work experience can be reflected through following activities

### **Implementation**

1. Five Watershed development projects in two blocks of the district supported by DRDA, have been planned, designed and implemented
2. Decentralized drinking water resource development projects in 14 villages of four blocks
3. Five irrigation schemes have been designed and implemented in five villages

### **Studies, Planning and Evaluation, and Research projects**

1. Year 1994-97, Geo-hydrological study of village Khari- Pachchham, Bhuj
2. Year 1998, work carried out as master's thesis for the degree of Post graduate Diploma in Ecology and Environment, for Indian Institute of Ecology and Environment, Impact of open cast mining on water resources a case study of Wand village- Mandvi-Kachchh
3. Year 1999, Aquifer identification in Nani Banni area of Kachchh district, Worked as Field Guide for M.Sc. Student's Dissertation work.
4. Year 1999, Drinking water potential assessment in 28 villages of six blocks of Kachchh
5. Year 1999-2005, Ph.D. research work Studies on Water Resource development and Planning of Pachchham Island of Kachch district Gujarat.
6. Year 2001, Geo-hydrological studies in 70 villages of Naliya Taluka for Abadasa Mahila Vikas Sangathan, Worked as Field Guide for M.Sc. Student's Dissertation work.
7. Year 2001, Studies and micro watershed level planning for revival of Hamirsar lake of Bhuj City from drinking water point of view
8. Year 2002, Feasibility studies and water resource development planning of Lakhasari cluster of Rapar Taluka
9. Year 2003, Evaluation of drought proofing programmes in 13 villages of Rapar and Bhachau taluka of Kachchh district for Kachchh Nav Nirman Abhiyan
10. Year 2003-04, Developed an approach for recharge potential estimation base water resource development strategies for Kachchh district for Water Resource Action Plan for Kachchh under KEF (Kachchh Ecological Fund) programme supported by Royal Netherlands Embassy, with EPC (Environmental Planning Collaborative) Ahmedabad based organization.
11. Year 2004-05, Water Resource development planning for 21 villages of Kodki Setu area for Kodki Setu of Kachchh Nav Nirman Abhiyan
12. Year 2005, As a Resource Person Supported Planning Students of School of Planning (CEPT), Ahmedabad for studies on Landuse planning of Ahmedabad and Surendranagar districts of Gujarat.
13. Year 2006, Water Resource development planning for 21 villages of Boladi Setu area for Boladi Setu of Kachchh Nav Nirman Abhiyan is under progress
14. Year 2006, Feasibility Studies of traditional drinking water sources and detailed drinking water action plan for 166 villages of Abadasa Taluka of Kachchh and prepared village wise action plan for drinking water.
15. Year 2007, Brine Water Exploration in Little Rann of Kachchh Gujarat for small salt farmers
16. Year 2007, Carried out Studies on Evaluation of drinking water projects implemented as rehabilitation works by various Government and Non Government agencies after tsunami in coastal areas of Tamilnadu State and prepared guideline for UNDP.

### **Current Research Projects**

1. From Year 2006, Water balance studies of entire Mundra Taluka is under progress.
2. Working on Research project for Preparation of Guideline for protection of local drinking water sources.
3. Identification of trends and pattern of salinity in Mangrol Areas of Shaurashtra Region of Gujarat state.

## Training and Guidance

1. Developed and implemented three training module for **Bare Foot level workers** on geo-hydrogeological considerations and village level water resource development planning until know 40 candidates have been trained through this programme
2. Developed and implemented two training modules for **Young Technologist level** for Natural Resource Management
3. Developed various **Need base training modules** such as Farmland Treatment, Decentralized Drinking Water, Introduction to perspective and problems of Kachchh and Geo-hydrological tools for Decision makers.
4. In addition to above training programs frequently I have been called by CEPT-Ahemadabad, M.S. University of Baroda, Architecture School of Planning –Rajkot for presentation, lecture, and to provide field level guidance to the master’s level students for their master’s thesis and dissertation works.

## Disaster management

1. Damage Assess for 489 minor and 19 Major water harvesting structures due to earth quake of 2001
2. Coordinated a dam repair project on behalf of Kachchh Nav Nirman Abhiyan during rehabilitation of 2001 earthquake. Under this project critically damaged 110 small structures (Funded by SDC and UNDP) and 10 major structures (Supported by PMNRF) have been repaired within three and half month span.
3. Rapid Assessment of Impact of Tsunami Flood on Land and Water Resources in Coastal Areas of NagaPattinam District of Tamilnadu- India, Januray 2005
4. Rapid Assessment of Impact of Flood on Land and Water Resources in Anand District of Gujarat State, August 2005
5. Studied an impact of sea water flooding due to tsunami in coastal areas of Banda Aceh, Indonesia and prepared a note on feasibility of water resources UPLINK (Indonesia based NGO) project area. Also supported the same NGO for develop a drinking water plan for 21 villages and capacity building of the organization for drinking water programme implementation

## Important conferences and workshops participated and paper presented

1. Attended and Paper presented on **“Supporting village experts to understand salinity pattern and water harvesting in saline areas”** along with Mr. Sandeep Virmani in National level Seminar conducted by NAWADA in the year 1995
2. Participated in national conference on Watershed Management organized by AFPRO at New Delhi, 1995
3. Participated State level workshop for Execution and management of Watershed Development Project in Gujarat State organized by Ministry of Rural Development of Gujarat, Kachchh
4. Attended and presented paper on **“Perspective problem and approach for NRM in Kachchh”** in International Seminar for Drought Mitigation in South Asia organized by UNDP, Tehran, Iran 2001
5. Presented Paper on **“Alternative drinking water development schemes – an experiences of NGO”** in consultative workshop hold at Bhuj by Gujarat State Water Supply and Sewage Board in collaboration with IRMA, 2001
6. Attended and paper presented on **“ Village tank an alternative drinking water source – case studies from Kachchh”** in National Level Seminar organized by Dhan Foundation Madurai, at New Delhi, 2002
7. Attended an international workshop on Lake Conservation Organized by HUDA Hyderabad Urban Development Authority, Andhra Pradesh, Hyderabad, 2003.
8. Attended and presented two papers in Regional Conference on Natural Resources Conservation, Use and Sustainability in Drylands **Paper No. 01 ‘Understanding Salinity Pattern and Strategies for its Control – Case Study of Pachchham Island Kachchh District, India’** and **Paper No. 02 ‘Synthesizing Informal and Formal Science towards Water Resource Management, Case Studies from Kachchh’**, December 2006
9. Attended a National Workshop on Sustainability of Rajiv Gandhi National Drinking Water Mission, Rural Drinking Water Supply Scheme, Department of Drinking Water Supply, Ministry of Rural Development, Government of India, 2007
10. Attended and Presented Paper on **‘Drinking Water Assessment and Decentralized Management Plan in Coastal Areas - A Case Study of Abadasa Taluka - Kachchh District’** in National Seminar on Crisis in Drinking water in coastal India,

## Membership

1. Functioned as Technical Scrutiny Committee member for sanctioning of Watershed development projects set up by District Rural Development Agency during the year 1996-97
2. Technical Sanction authority for drinking water projects of Drought Proofing Programme coordinated by Kachchh Nav Nirman Abhiyan and sponsored by Ministry of Rural Development, India.
3. Trustee of Abadasa Mahila Vikas Sangathan registered trust and society working for women's empowerment
4. Trustee and Executive Secretary of Arid Communities and Technologies, Bhuj-Kachchh
5. Life member of Geological Society of India
6. Life Member of Indian Institute of Hydrologists.
7. Life member of Indian Planetary Society.

In addition to above I am also associated various Non governmental organizations as Resource Person for their technical capacity building in the areas of Water Resource Development. List of such organizations is given below

| Sr. No. | Name of Organization                             | Location                  |
|---------|--|---------------------------|
| 1       | Sahjeevan  | Bhuj – Kachchh            |
| 2       | Kachchh Nav Nirman Abhiyan                       | Bhuj-Kachchh              |
| 3       | Kachchh Mahila Vikas Sangathan                   | Bhuj - Kachchh            |
| 4       | Shrujan  | Bhuj-Kachchh              |
| 5       | Hunnarshalaa Foundation                          | Bhuj-Kachchh              |
| 6       | Shree Vivekanand Research and Training Institute | Mandvi and Naliya Kachchh |
| 7       | YUVA   | Rpar – Kachchh            |
| 8       | Aga Khan Rural Support Programme (India)         | Ahemadabad -Gujarat       |
| 9       | Foundation for Ecological Securities             | Anand - Gujarat           |
| 10      | Foundation for Ecological Securities             | Dahod - Gujarat           |
| 11      | Foundation for Ecological Securities             | Rajasthan                 |
| 12      | BAIF – BIRD (K)                                  | Tumkur - Karnataka        |
| 13      | Gujarat Institute of Development Research        | Ahemadabad - Gujarat      |

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