

Name: Ch.Rajendra Subudhi  
Designation: Associate Professor  
Departments: Soil and Water Conservation Engineering



Course Taught: B.Tech  
1. Watershed planning and Management  
2. Ground water wells and pumps  
M.Tech.  
3. Design of pumps for irrigation and drainage  
B.Sc.(Ag)  
4. Fundamentals of Soil and Water Conservation Engineering  
5. Protected Agriculture  
6. Water Management

Brief Resume: Attached word format of detailed resume (Attached)

Research interest: 1. Meteorological data analysis  
2. Watershed planning and management  
3. Drip and sprinkler irrigation

#### Recent Publications:

1. Subudhi, C.R. & Samantaray,S.K.(2010) Rainfall analysis at Raikia block of Kandhamal district of Orissa. Environment and Ecology 28(1B):724-725
- 2.Subudhi, C.R. & Samantaray,S.K.(2010) Crop plan modeling to combat drought in Orissa.Environment and Ecology 28(1B):724-725
3. Subudhi, C.R. & Samantaray,S.K.(2010) Soil conservation structures across drainage line in degraded watershed for production of organic turmeric in North Eastern Ghats of Orissa. Environment and Ecology 28(2):743-745
4. Subudhi, C.R.)2010) Rainfall analysis at Tikabali block of Kandhamal district,Odisha. Research Journal of Agricultural Science.1(4):481-482.
5. Subudhi, C.R.)2010) Impact of climate change in Phulbani ,Odisha. Research Journal of Agricultural Science.1(4):494-499.

6. Subudhi, C.R. & Samantaray,S.K.(2010) Field bund structures for production of rice in North Eastern Ghat Zone of Odisha,India. Research Journal of Agricultural Science.1(4):475-476.
7. Behera, B., Mohanty, S. K., Mishra, A., Subudhi, C. R. and Mishra, P. K.(2010) Performance of high value viny vegetables with maize(*Zea mays*) as live-staking under rainfed conditions of Eastern Ghats, Orissa17 Indian Journal of Dryland Agricultural Research and Development 25(2) :170-172
8. Subudhi C.R. & Senapati S.(2010) Cropping system and its effect on runoff, soil loss and crop productivity in the North Eastern Ghats of Odisha. Journal of Research , OUAT, 28(1&2):137-142
9. Subudhi, C.R.(2011) Water harvesting through farm pond and utilization of conserved water for vegetable crops.International Jour. Contemporary Management and Research Application.1(01):14-19
10. Subudhi C.R.(2011) Effect of different cropping systems on runoff, soil loss and productivity in north eastern Ghats of Orissa Indian Journal of Soil Conservation.39(2):124-127
11. Subudhi, C.R. & Senapati,S. (2011) Effect of cropping system on runoff,soil loss and crop productivityin NEGZ of Odisha. Research Journal of Agricultural Science.2(4):1027-1029.
12. Subudhi, C.R. & Senapati,S. (2011) Water harvesting through farm pond and utilization of conserved water for vegetable crops. Research Journal of Agricultural Science.2(4):1044-1046.
13. Mishra A.M., S.K.Mohanty, B.Behera and C.R.Subudhi (2011) Evaluation of *Mimosa invisa* as a Green Manure Crop in Rainfed Uplands. Indian Journal of Dryland Research and Development. 26 (2):101-104
14. Subudhi C.R. & Senapati S.(2011) Farm pond for water harvesting and utilization of conserved water for vegetable crops. Journal of Research ,OUAT, 29(1&2):62-65
15. Mishra A., Behera B., Pal A.K., Senapati, H.K. Mohanty, S.K., Subudhi, C.R. Mishra, S & Nayak, S. (2012) Long term effect of different manure and fertilizer treatments on grain yield of upland rice. *Oryza* 48(2) pp-132-138
16. Subudhi C.R., Sahu, Madhumita & Senapati S.(2012) Rainfall probability analysis for crop planning in Kandhamal district of Odisha. Indian Journal of Soil Conservation. 40(3): 247-251.

17. Subudhi C.R. & Senapati S.(2012) Effect of cropping system on runoff, soil loss and crop productivity. Indian Journal of Dryland Research and Development. 27(1):74-77.
18. Mishra A.,Behera, B.;Paul, A.K.;Mohanty, S.K.;Ratha, B.S.;Subudhi,C.R.;Nayak, S.C.;Sahoo.N (2012) Performance of rice and black gram with different nutrient management in rainfed uplands.oryza 49(4):273-279
19. Subudhi C.R. & Senapati S.(2013) Water harvesting through farm pond and utilization of conserved water for vegetable crops. International journal of Elixiar Advanced Engineering Informatics. 57:13701-13905.
20. G. R. Maruthi Sankar, K. L. Sharma, K. Srinivas Reddy, G. Pratibha, Reshma Shinde, S. R. Singh, A. K. Nema, R. P. Singh, B. S. Rath, A. Mishra, B. D. Behera, C. R. Subudhi, Bhagwan Singh, H. C. Singh, Ashok Kumar Singh, D. K. Rusia, M. S. Yadava, C. R. Thyagaraj, P. K. Mishra, M. Suma Chandrika And B. Venkateswarlu (2013) Efficient tillage and nutrient management practices for sustainable yields, profitability and energy use efficiency for rice-based cropping system in different soils and agro-climatic conditions. Experimental Agriculture 49(02):161-178.
21. Subudhi, C.R. (2013) Effect of conservation trenches on plantation crop in degraded watershed in Kandhamal district of Odisha. Agrotechnology, 2:112,doi:10.4172/2168-9881.1000112.
22. Subudhi, C.R. & Senapati,S. (2014) Cropping system and its effect on runoff, soil loss and crop productivity in NEGZ of Odisha. Journal of Biological and Chemical Research 13(1)7pages.
23. Subudhi, C.R. & Senapati,S. (2014) Water harvesting through farm pond and utilization of conserved water for vegetable crops. Journal of Biological and Chemical Research 13(1)7pages.
24. Kar S. K., Sahoo D. P., Subudhi C.R. (2014) Weekly Rainfall Analysis for Crop Planning Using Markov's Chain Model for Kandhamal District of Odisha, India. Int. Journal of Engineering Research and Applications Vol. 4, Issue 9(Version 1), pp.139-145
25. Mishra, A.; Mohanty, S.K.; Behera, B.; Subudhi, C.R. and Mishra, P.J.(2014) Effect of potassium and lime on soil conservation and yield of rainfed groundnut in North Easter Ghat Zone of Odisha. Annals of plant physiology. Vol -28,No-02 pp-82:87

**Recent Conferences:**

1	29.10.20 14  To  31.10.20 14	OUAT,  Bhubaneswar	National Symposium on “Management options for enhancing farm productivity and livelihood security under changing climate”, held at OUAT, Bhubaneswar	Presented paper
2	22.12.20 14  To  24.12.20 14	Regional Museum on Natural History, Bhubanesw ar from 22 and 24 Dec 2014.	Effect of conservati on trenches on plantation crop in degraded watershed in Kandhama l district of Odisha.	Oral Presentai on

## Awards & Honors:

1. **C.R.Subudhi** received the Vetiver network research and development award for the year 1998 in appreciation of his contribution to the promotion of the Vetiver grass technology sponsored by The royal Danish Government

2. **C.R.Subudhi** appointed as Judge of the poster session of National Seminar on “Soil, water conservation and crop management technologies under rainfed agriculture” held at Solapur from 29 to 30th August,08

3. **C.R.Subudhi** was the chairman of the viva conducted during Feb,09 for NAIP ,Comp-2 for the post of Technical Assistant at Phulbani organized by Kasam, Kandhamal, at Phulbani

4. **C.R.Subudhi** have been identified as one of the potential authors for the future publication of “Studium Press LLC ,USA” in the discipline of “Climate Change and Rainfed Agriculture”(11.06.2010)

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5. **C.R.Subudhi** received the certificate of most response centre by CRIDA, Hyderabad for the year 2008-09 as Chief Scientist of the Phulbani centre.

6. **C.R.Subudhi** received the **Bharat Jyoti Award** certificate and citation from India International Friendship Society on 17.12.2011 for his work in Agril Engineering field.

7. **C.R.Subudhi** received the best poster paper award in the National conference held at OUAT from 5-7 April 2012 organised by Indian Association of Soil Conservationists.

8.**C.R.Subudhi** received the best citizenship of India award certificate for the year 2013 from International Publishing House, NewDelhi.

9. **C.R.Subudhi** felicitated at Red-cross Bhawan, Bhubaneswar being awarded as Best Citizenship award for the year 2013 by Kaling Baisya Samaj on April, 2014 (Pana Sankranti). He received the award and from Dr. B.S.Patra, Retired Professor,CET.

10. C.R.Subudhi felicitated as Khallikote Ratna award on 15.03.2015 at Ganjam Kala Parisad in the presence of Berhampur MLA, Ramesh Chandra Chau.Patniak for the year 2014-15 organised by Khaliikote Sanskrutika Kala Parisad for his outstanding work in the field of Soil and water cons. engg. for the state, country and the globe.

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### Sponsored Projects:

Sl. No.	Project Name	Durati on	Year	Name	Funded by
1	AICRP DA ,Phulbani	1year 9 months	July,2008 to April,2010	Chief Scientist	ICAR 75% State 25%
1	NATP,RRPS-7	5 years	1999-2003	CCPI	World Bank,CRI DA
2	NATP-ROPS-13	1 year	2002	CCPI	World Bank,CRI DA
3	FLD	2 years	1994-1995	In charge	ICAR,CRI DA
4	NAIP,COMP-3	7 Years	2007-14	Associate Scientist	ICAR

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(N:B: 1. Passport photo in jpg format . 2. Word format detail resume to be attached)