

RAC, MANAGEMENT COMMITTEE, IRC MEETINGS**10****Research Advisory Committee****RAC Members for a period 2007 to 2010**

1	Dr. A.M. Michael, Ex-Director, IARI 27/78, Vattekkunnam VP Maraickar Road, Edappally North, P.O. Kochin - 682 024 (Kerala) Tel. No. 0484-2543217, E-mail: kmicheal65@eth.net	Chairman
2	Dr. H.C. Sharma, Director of Research (Retd.) CCSHAU, Hissar C-160, Radha Garden Colony, Mawana Road, Meerut - 250 001 (U.P.)	Member
3	Dr. K.P. Rai, Ex-Dean, Institute of Agricultural Sciences, BHU, Varanasi 510, Kamdhenu Lanka, Varanasi - 221005 (U.P.)	-do-
4	Dr. C.L. Acharya, Ex-Director, IISS, Bhopal House No. 28, Nagarkot Colony, Thakurdwara; P.O. Maranda, Palampur-176102 (H.P.)	-do-
5	Dr. S.P.S. Kushwaha, Head, Deptt. of Forestry Indian Institute of Remote Sensing Dehradun - 248 001 (Uttarakhand)	-do-
6	Dr. P.D. Sharma, ADG (soils) NRM, ICAR, Krishi Anushandhan Bhawan -II, New Delhi - 110 012	-do-
7	Dr. Balwant Singh Negi, 19-C, Awantika Trade Centre, Subhash Road, Dehradun - 248 001 (Uttarakhand)	Non-official Member
8	Sh. Subhash Chowdhary, House No. 473, Village - Chirag Delhi, New Delhi	-do-
9	Dr. V.N. Sharda, Director CSWCRTI, 218, Kaulagarh Road, Dehradun - 248 195 (Uttarakhand) Tel. No. (O) 0135-2758564, (R) 2754968 E-mail: director@cswcrtiddn.org & vnsharda2@rediffmail.com	Member
10	Dr. Ambrish K. Tiwari, Sr. Scientist (SWCE) CSWCRTI, 218, Kaulagarh Road, Dehradun - 248 195 (Uttarakhand) Tel. No. 0135-2757210 (O), 2751247 (R) E-mail: aktswc@yahoo.com	Member- Secretary

A meeting of Research Advisory Committee (RAC) of the Institute was held during Oct. 21-23, 2009 in the Chairmanship of Dr. A.M. Michael. The following specific recommendations were made in the meeting:

The RAC made in-depth review of different on-going projects through the presentations by the Programme Implementers. It also examined the related documents and visited the Indian Institute of Remote Sensing, Dehradun. The RAC made the following specific recommendations:

1. RAC appreciated the efforts of the Institute to document the potential technologies developed by the Institute and other publications in Journals of national and international repute. The RAC stressed

that the scientists should analyze the research data carefully in order to enhance its applicability in regional and national planning for sustainable agricultural production as well as its acceptability in research journals having high impact factor. The RAC reminded that a similar recommendation was also made in the previous meeting.

2. RAC opined that the resources identification and quantification and their competition with prevalent agricultural systems should be ensured prior to implementation of any experimental treatment. It was further emphasized that the availability of input resources and consumption of system produces should be kept in mind while preparing a project.
3. RAC again appreciated the participatory development of water conveyance system for creating an irrigation facility at the farmers' fields of Pasauli village (Block: Vikasnagar, Distt. Dehradun) under TDET (MoRD) Project. The RAC stressed that such activities need to be expedited in order to develop model irrigation systems which would greatly enhance the productivity at farm level and generate farm based employment. If necessary, awareness on the importance of the project may be created with the help of the media.
4. The RAC recommended that the criteria for application of in-organic and organic fertilizers should be kept in view by following INM approach and consumption pattern in a given region befitting the economic conditions of resource poor farmers.
5. RAC was deeply impressed with the excellent collaboration which has been initiated between Indian Institute of Remote Sensing (IIRS), Dehradun and Central Soil and Water Conservation Research and Training Institute (CSWCRTI), Dehradun. The RAC recommended that the procedure developed and standardized for Ashti watershed employing RS & GIS technologies in delineation, characterization, mapping & scaling, and monitoring & evaluation of the watersheds should be uniformly applied in all the nine model watersheds undertaken by CSWCRTI, Dehradun.
6. RAC was happy that the Institute is already engaged in evolving a decision rule for implementation of the treatment measures in various types of degraded lands on the basis of potential soil erosion rates and soil loss tolerance limits under existing landuse systems in different Agro-Ecological Zones (AEZ) of the country. The RAC suggested that such information should be compiled into a bulletin and published for wider circulation among implementing agencies across the country.
7. RAC observed that Integrated Farming System (IFS) needs major review with regard to adoption of crops and their varieties under water scarce conditions. In such regions, oil seeds/legumes based cropping systems should be suggested/planned with recommended variety of crops for a given rainfed region. Before introducing new cropping sequences in such regions, farmers should be convinced about the spectacular benefits obtained for shifting over from the traditional wheat based systems.
8. RAC appreciated the efforts taken by the CSWCRTI for the dissemination of conservation technologies by the Institute and recommended that Institute should strengthen the system of transfer of technologies which are developed at the Centres and headquarters of the Institute, for achieving higher adoption efficiency among all categories of farmers.

MANAGEMENT COMMITTEE**Status of Institute Management Committee of CSWCRTI, Dehradun**

Sl. No.	Name and designation of Member	Status in IMC	Period of nomination
1.	Director, CS&WCR&TI, Dehradun	Chairman	-
2.	Asstt. Director General (Soils), ICAR, New Delhi	Council's nominee	31-01-2009 to 30-01-2012
3.	Dr. G.P. Juyal, Head of Division (H&E)	Member	31-01-2009 to 30-01-2012
4.	Dr. N.K. Sharma, Pr. Scientist	Member	31-01-2009 to 30-01-2012
5.	Dr. P.R. Ojasvi, Pr. Scientist	Member	31-01-2009 to 30-01-2012
6.	Dr. A.K. Tiwari, Head, Research Centre, Chandigarh	Member	31-01-2009 to 30-01-2012
7.	Director, Agriculture & Soil Conservation, Uttarakhand	Member	21.5.2007 to 20.5.2010
8.	Director, Soil Conservation, Himachal Pradesh	Member	21.5.2007 to 20.5.2010
9.	Dean (PG), GB Pant University of Agriculture & Technology, Ranichauri, Hill Campus, Tehri Garhwal, Uttarakhand	Member	21.5.2007 to 20.5.2010
10.	Dr. Anil Joshi, Director, Himalayan Environment Studies & Conservation, Village Ghisar Pati, P.O. Mehuwala, Dehradun	Member	15.1.2007 to 14.1.2010
11.	Chief Finance & Accounts Officer, IVRI, Izatnagar, Uttar Pradesh	Member	5.3.2008 to 4.3.2011
12.	Dr. Balwant Singh Negi, 19-C, Awantika Trade Centre Subhash Road, Dehradun – 248 001 (Uttarakhand)	Non-official Member	21.5.2007 to 20.5.2010
13.	Shri Subhash Chowdhary, House No. 473, Village Chirag Delhi, New Delhi	Non-Official Member	18.10.2007 to 17.10.2010
14.	Sr. Administrative Officer, CS&WCR&TI, Dehradun	Member Secretary	-

The 39th meeting of the Institute Management Committee of CSWCRTI was held on September 23, 2009 at the Institute Headquarters, Dehradun chaired by Dr. V.N. Sharda, Director. Chairman of the IMC welcomed all the participation members and apprised them of the establishment, mandate, research and development, achievements for past one year, for the various activities, projects and training programmes being undertaken at the Institute and its 8 Research Centres. During the meeting, various agenda items were taken up and discussed. Major recommendation of the IMC was as under:

- Re-appropriation of budget under non-plan (works) for the financial year 2008-09 as per agenda item.
- Completion of construction of residential quarters (Type I - 6 nos., Type II - 2 nos. and Type III - 1 no.) at the revised estimate of Rs. 42.17 lakhs during the current financial year 2009-10.
- Construction / boring / installation of tube-well at Research Centre, Chandigarh at an estimate cost of Rs. 42.09 lakhs during the current financial year 2009-10.
- Construction of residential quarter (Type IV-2 nos.) at Research Centre, Vasad at an estimate cost of Rs. 42.30 lakhs during current financial year 2009-10.
- Condemnation of vehicles of the Research Centres as below:

Location	IMC Recommendation of Condemnation of Vehicles
Agra	Mahindra & Mahindra Jeep (UP-80-F 2947) and its replacement with TOYOTA Innova vehicle.
Chandigarh	Swaraj Mazda Bus (CH-01-G-1709) and its replacement with Swaraj Mazda bus
Datia	Mahindra & Mahindra Jeep (MP-07-E-1168) and its replacement with TOYOTA Innova vehicle.
Koraput	Mahindra & Mahindra Jeep (OR-10-8674) and its replacement with TOYOTA Innova vehicle.

INSTITUTE RESEARCH COMMITTEE

Salient Recommendations of IRC Meeting 2009

1. Recommendations regarding MMA (NWDPRAs) watersheds activities are as under :
 - i. **Ashti watershed, Dehradun**
 - The PI has committed to utilize the un-utilized budget of 2008-09 and 2009-10 by March, 2010 after completing all the codal formalities.
 - ii. **Jalalpur watershed, Agra**
 - The left over activities of 2008-09 should be completed by the PI and his team along with all activities of 2009-10 by March, 2010, excluding activities pertaining to agro-forestry.
 - The PI is advised to make all efforts to complete the activities as per the DPR in future.
 - iii. **Ramasagara watershed, Bellary**
 - Dr. A. Raizada, Head, Research Centre, Bellary would be associated in the project.
 - Registration of the Watershed Society of Ramasagara Watershed would be done by 10th December, 2009.
 - All activities under the Work Phase would be completed by 20th March, 2010.
 - A total of Rs. 13 lakhs would be utilized by the Research Centre by March, 2010.
 - iv. **Kajiana watershed, Chandigarh**
 - Under work phase out of remaining Rs. 12 lakhs, Rs. 9.5 lakhs should be utilized in Work Phase and the remaining Rs. 2.5 lakhs on Livelihood Support System / Production System and Micro-enterprises.
 - v. **Jigna watershed, Datia**
 - The Watershed Committee could not be constituted till November, 2009, which has been highly disappointing and viewed very seriously by the house.
 - Works i.e. construction of water harvesting structure, percolation check dam, repair of existing stop dam, construction of check dam and farm pond should be completed by March, 2010 so that the funds of Rs. 9.25 may be utilized under NWDPRAs scheme.
 - vi. **Lachhaputra Ghati watershed, Koraput**
 - The budget (Rs. 1.17 lakhs) under the head Preparatory Phase - Capacity Building should be utilized by February, 2010.
 - Unutilized budget of Rs. 11.5 lakhs under Work Phase activities (farm pond, renovation of WHS, check dams, gully control structure, dugout pond) Livelihood Support System, Production System and Micro enterprises etc. should be utilized by March, 2010.
 - vii. **Dhoti watershed, Kota**
 - The unutilized budget (Rs. 1.16 lakh) should be utilized by March, 2010 for Preparatory Phase activities, viz; Entry Point Activity (repair of village temple) and Capacity Building Activity (training programme for user groups).
 - Under Work Phase activities, estimate for pond and anicut should be revised for constructing 3 small ponds instead of a single large pond. The proposal may be submitted to the Headquarters after completing the codal formalities immediately so that work may be completed by March, 2010.
 - viii. **Ayalur watershed, Udhagamandalam**
 - PI and Head have committed that Preparatory Phase budget would be fully utilized by Mar., 2010.
 - Out of total allocation of Rs.30.76 lakhs for Preparatory Phase and Work Phase only Rs.6 lakhs

were utilized. Head and PI assured that additional amount of Rs. 15 lakhs shall be utilized by March, 2010. The remaining amount (Rs. 9.76 lakhs) as spill over of 2009-10 shall be spent during 2010-11.

ix. Vejalpur-Rampura watershed, Vasad

- Preparatory Phase Activities (EPA and Capacity Building) should be completed by March, 2010 so that remaining budget under Preparatory Phase is fully utilized.
 - Commitment of utilization of Rs. 7.5 lakhs by March, 2010 for Work Phase activities (peripheral bund, trenches, earthen gully plug, water harvesting check dam, recharge filter and for goat rearing unit etc.) has been given by the Head of the Research Centre. In this respect codal formalities should be completed by Dec. 2009 and request for drawl of advance may be sent immediately.
2. Dr. G.P. Juyal, Head, H&E Division is nominated as Nodal Officer for collaboration with Indian Institute of Remote Sensing (IIRS) to implement and evaluate nine model watersheds through RS/ GIS technique operating at Headquarters and all Research Centres after developing suitable methodology for Ashti watershed.
 3. Half page note for each season of FPRAP demonstration and one para note for each technology of each season in prescribed format should be submitted by all Research Centres and Divisions.
 4. A script of FPARP demonstrations, general activities and salient achievements of Research Centres / Divisions may be prepared by each Centre and Division by Jan. 31, 2010 for making a documentary film. Head, HRD&SS Division is nominated as Nodal Officer to co-ordinate and complete the assignment.
 5. Dr. D.R. Sena, Sr. Scientist (Engg.) should analyse the structure-wise recharge data for the core project on "Ground Water Recharge". Dr. D.R. Sena and Dr. R.S. Kurothe should check the status of submission of required data and find the gaps and inform accordingly all Co-PIs by Dec. 15, 2009. All Co-PIs of this core project working at Research Centres Chandigarh, Datia, Kota, Koraput, Bellary and Udhagamandalam should visit Vasad Centre for completing the analysis and interpretation of entire data in the second fortnight of Jan., 2010. A final workshop may be organized in April, 2010 for presentation of all analysis / results related to this core project.
 6. Procedure for computation of soil threat index may be standardized by Dr.(Ms.) Sharmistha Pal and communicated to all Heads of the Research Centres and Divisions by Jan. 31, 2010. Techniques for collecting data on emission of CO₂ and microbial activity may be provided by Dr. O.P. Chaturvedi and on aggregate stability by Dr. Sharmistha Pal to all Heads of the Research Centres / Divisions by 31st January, 2010. Data of all nine parameters may be collected by all Research Centres and Divisions in the ongoing projects and soil threat index may be computed and submitted to Dr. Sharmishta Pal for presentation in next IRC meeting.
 7. Monthly Progress Reports (MPRs), which are being submitted by H&E Division and Research Centres, Koraput, Vasad, Datia and Bellary are not up to the mark. The reporting should be well planned and submitted in a quantifiable manner with economics. Dr. G.P. Juyal, Dr. K.P. Gore, Dr. R.S. Kurothe, Dr. S.P. Tiwari and Dr. A. Raizada should check it properly before it is submitted to the competent authority.
 8. The need for bringing quality publications out of the ongoing and concluded projects is essential for scientists particularly for Principal Scientists and Senior Scientists. Each scientist must endeavour to publish at least two research papers in reputed journals having high score as per NAAS ratings, every year with preferably one as international papers. Head of Research Centres / Divisions should promote this culture and ensure quality publications in future, which is an important indicator for the performance of individual scientists or the Institute as a whole as per AAR proforma.
 9. A core project on trenching may be formulated by Dr. R.S. Kurothe by Dec., 2009 on degraded lands with respect to different landuse systems including horticulture, agriculture and silvipastoral systems.
 10. Heads of Research Centres/Divisions should be fully acquainted with methodology and progress of each and every ongoing projects of the concerned Research Centre / Division for smooth running of the projects and providing guidance to the concerned project leaders.