

Open Access in ICAR

D. Rama Rao
National Director
National Agricultural Innovation
Project
Indian Council of Agricultural
Research
New Delhi



28-04-2014

National Agricultural Innovation Project

1



National Data Sharing and Access Policy

The 2012 Policy of the Government of India:

- designed to promote data sharing and enable access to Government of India owned data which could be shared with civil society for national planning and development purposes
- aims at the promotion of a technology-based culture of data management as well as data sharing and access
- opens up, proactively, information on available data

Source: <http://ogpl.gov.in/NDSAP/NDSAP-30Jan2012.pdf>



28-04-2014

National Agricultural Innovation Project

2



ICAR OA Policy 2013

- System wide change towards publication of research publications, books, thesis, and other technical reports
- Implementation of centralised, scalable state-of-the-art infrastructure for Open Access e-publishing system
- Support to professional societies and institutions to move towards OA
- Support for digitisation of publications in NARS
- Training to editorial staff of research journals
- Sensitisation to researchers on data sharing in OA



28-04-2014

National Agricultural Innovation Project

3



Motivational Factors for OA Initiatives in ICAR

- **Policy:** National data policy directive
- **Structural:** Reorganisation of ARIS, publication and media units at ICAR head quarters in to single command under Directorate of Knowledge Management in Agriculture
- Several institutes were on OA road map on their own
- OA is easier alternate to protection in public system
- Simple technology and easy to implement



28-04-2014

National Agricultural Innovation Project

4



Major OA Initiatives in ICAR

1. Research Journals in OA

Establishment of e-publishing system in ICAR for online publishing of research journals using Open Journal System (OJS) promoted OA to research journals of ICAR and professional societies

2. Digital Content

ICAR provided support to agricultural universities & institutions to develop digital products like books, thesis, technical reports, e-learning courses in eight UG disciplines



OA Impact in ICAR 2010-2014

(for Indian J of Animal Sci & Indian J of Agril Sci)

	2010	2014
Abstract Views Online	8,000-9,600	8,80,000-9,60,000
No. of Article Downloads	3,400-4,400	1,20,000-1,40,000

- Indian J Agric. Sci. mpact factor (ISI of Thomson Reuters) improved from 0.1 (2010) to 0.18 (2014)
- Indian journals research articles are being accessed from 182 countries globally - with 40% online readers

Future Challenges for OA in ICAR

- Sharing research data
 - Granularity
 - Level (Project or institute or organisation)
 - Control in strategic areas
- Partnerships in R&D on rise
 - Differing views on OA
 - Private sector not comfortable to share
- Advocacy
 - Easy, but not happening



28-04-2014

National Agricultural Innovation Project

7



Thank You



28-04-2014

National Agricultural Innovation Project

8

