

**ICASSSD**  
International Center for  
Applied Systems Science for  
Sustainable Development

# THIRD RESEARCH SCHOOL ON **DYNAMIC SUSTAINABLE SOLUTIONS**

**MAY - AUGUST 2025**

**FORMAT OF THE SCHOOL (ONLINE)**



# Introduction



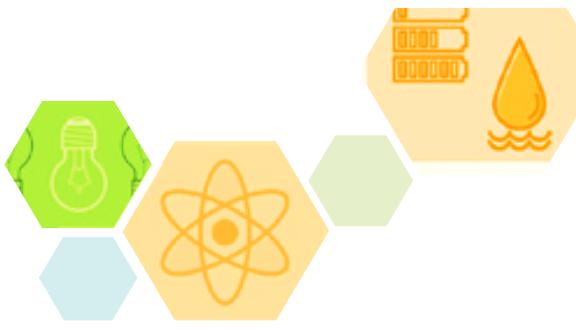
Sustainable development and sustainability are inherently multi-disciplinary because they concern a complex system having economic, technological, ecological, political, and other perspectives. Sustainability is enabled by technological advances but is a social construct and needs to be economically viable.

Therefore, there is a need to take the discussion on sustainability and sustainable development beyond its traditional and confined limits within the academic disciplines of engineering, technology, economics or geography or political science and analyse the problems through a multidisciplinary and trans-disciplinary approach, and holistic, integrative, and critical thinking.

International Centre for Applied Systems Science and Sustainable Development (ICASSSD) is pleased to announce its third research school on **'Dynamic Sustainable Solutions'**.

## Objectives

1. Co-Author a research paper at the end of the school
2. Discuss, debate and research *Sustainable Solutions* in multi-disciplinary teams
3. Learn from researchers, faculty and industry leaders



# Schedule

**MAY 24, 2025**

**Opening Workshop:** Panel Discussion on Dynamic Sustainable Solutions for Next Century

**MAY 31, 2025**

**Technical Session 1:** Introduction to Research & Research Process  
**Discussion Session 1:** Identification of Topics for Research

**JUNE 7, 2025**

**Technical Session 2:** Research Ethics  
**Discussion Session 2:** Preparation of Research Proposal

**JUNE 14, 2025**

**Technical Session 3:** Seven Ages of Globalization  
**Discussion Session 3:** Group Work on Research Paper

**JUNE 21, 2025**

**Technical Session 4:** Ages of Globalization: Greatest Challenges of 21st Century  
**Discussion Session 4:** Progress Presentations

**JUNE 28, 2025**

**Technical Session 5:** Systems Thinking  
**Discussion Session 5:** Group Work on Research paper

**JULY 5, 2025**

**Discussion Session 6:** Group Work on Research Paper

**JULY 19, 2025**

**Discussion Session 7:** Group Work on Research Paper

**AUGUST 9, 2025**

**Discussion Session 7:** Group Work on Research Paper

**AUGUST 23, 2025**

Finalization of Research Paper

**AUGUST 30, 2025**

**Final Workshop: Presentation of Final Papers**

**WEEKLY SESSIONS ON WEEKENDS FROM 10AM-12 NOON EST**



### **Some examples of themes/ topics that students may work on**

- ▶ Agroecology and Sustainable Food Systems
- ▶ Green Engineering
- ▶ Greenhouse Gas Emissions
- ▶ Circular Economy and Corporate Sustainability
- ▶ Socio - economic aspects of Sustainable development: Poverty/ Gender/ Climate Change

### **Who should attend?**

Young researchers in applied sciences, environment, economics, management, sustainability, and technology.

**There are No Fees  
for participants.**

**Last Date of  
Registration:  
May 3, 2025**

### **The benefit of Attending the Research School**

- ▶ Co-author a Research Paper which will be published in a compendium at the end of the school. Students may send their work for publication to reputed journals with proper acknowledgement and co-authorship to mentors from ICASSSD.
- ▶ Certificate of Participation for all researchers
- ▶ Reference Letter and Volunteer Hours on request
- ▶ Opportunity to work in multi-disciplinary groups and look at problems in a holistic manner.
- ▶ Opportunity to work with researchers, faculty and industry leaders.
- ▶ Future Summer Job Opportunities with ICASSSD



To Apply - <https://forms.gle/d7aN7gDu3HLiH3Bz8>

# SELECTED ADVISORS & MENTORS

**DR SACHIN CHATURVEDI**  
Director, Research and Information Systems  
for Developing Countries (RIS)



**DR. GUR SAROOP SOOD**  
President, Ra Dha Sva Aa Mi  
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**PROF. C PATVARDHAN**  
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**PROF. PAMI DUA**  
Former Director,  
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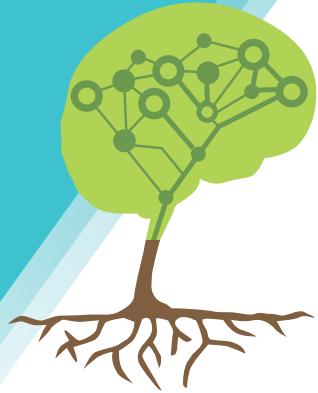


**PROF. KEITH HEIPEL**  
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**PROF. KARMESU**  
Former Professor,  
Jawaharlal Nehru University





## **ICASSSD**

**International Center for  
Applied Systems Science for  
Sustainable Development**

### **About ICASSSD**

ICASSSD is a not-for-profit International Research Organization headquartered in the Kitchener-Waterloo Region in Canada (the Silicon Valley of Canada). It has been established by **Ra Dha Sva Aa Mi Satsang Sabha Dayalbagh** and **Dayalbagh Educational Institute (DEI)** to advance research-driven solutions for sustainable development. It operates as a collaborative platform, integrating **spiritual, academic, and scientific insights** to address global sustainability challenges.

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'At ICASSSD, I gained valuable knowledge and had the opportunity to collaborate with students and professors worldwide. Despite my initial nervousness about research, the supportive environment helped me develop skills in data collection, literature reviews, and interdisciplinary collaboration. The research school's multidisciplinary approach allowed me to work with experts beyond my field, making the experience truly enriching. I'm grateful for the opportunity to learn and connect with such an inspiring community!'

-Dailin Huang, McGill University



The Research School gave me a great introduction to the research process! It was a wonderful environment to learn this process because it allowed me to investigate a topic of strong personal interest, that being sustainable dietary practices around the world.

-Luke Rossi, Brown University

