



**INRAE LISIS**



**Second Circular**

**International Conference**

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**Enabling Sustainable Food Systems  
through Natural Farming  
(ESFS-NF)**

**13 - 14 September 2024**



***Organized by***

**Dr YS Parmar University of Horticulture and Forestry,  
Nauni 173 230 Solan (HP) India**

***in collaboration with***

**French National Research Institute for Agriculture, Food  
and Environment (INRAE), France &  
The Indian Ecological Society (HP Chapter), India**

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## About YSPUHF

The Dr YS Parmar University of Horticulture and Forestry (YSP UHF), Nauni - Solan, Himachal Pradesh, India, established in 1985, is the first Horticulture and Forestry University in Asia and is engaged in teaching, research and extension education in horticulture and forestry. The university has contributed a lot to the sustainable development of Horticulture and Forestry in Himachal Pradesh and other Himalayan states of India. It is pioneer to undertake different programmes on climate change and climate resilient agriculture to support the sustainable livelihood of the smallholder farmers in the region. It is also leading the initiative of natural farming and development of 'Sustainable Food Systems Platform for Natural farming' (SuSPNF) in the country.



## About Conference

The international conference on Enabling Sustainable Food Systems through Natural Farming (ESFS-NF) is a comprehensive two-day event dedicated to advancing sustainable agriculture, natural farming, and agroecological crop protection. It is being organised as part of SuSPNF and Agroecological Crop Protection towards International Co-innovation dynamics and evidence of Sustainability (ACROPICS), which addresses the need for sustainable agricultural practices that use little to no harmful crop protection inputs. The ACROPICS reinforces place-based co-innovation initiatives involving local actors implementing agroecological crop protection; connects these initiatives to each other and to research & innovation teams worldwide; produces scientific

evidence of the sustainability of ACP systems; supports these initiatives via international research and innovation actions; and highlights these initiatives at the international level.

## Objectives

The conference intends to bring together a diverse group of participants, including international experts, academicians, professionals, extension experts, students, local farmers and other stakeholders on a single platform to discuss the latest research and developments in sustainable food systems, and explore innovative practices and co-design strategies in agroecology and their transformative potential in food and nutritional security. It also aims to foster collaboration and knowledge exchange among all stakeholders working on agroecology.



## Thematic Areas

**Theme 1: Natural Resource Management through Agroecological Practices for Climate Resilience**

**Theme 2: Nature based Solutions for Crop Protection**

**Theme 3: Natural Farming for Socio-Economic Transformation**

**Theme 4: Innovations in Sustainable Food Systems**

**1** NO POVERTY



**2** ZERO HUNGER



**6** CLEAN WATER AND SANITATION



**8** DECENT WORK AND ECONOMIC GROWTH



**9** INDUSTRY, INNOVATION AND INFRASTRUCTURE



**12** RESPONSIBLE CONSUMPTION AND PRODUCTION



**15** LIFE ON LAND



## Technical Program

### Day 1 - Friday, 13 September 2024

- 09:00-10:30 Registration (University Auditorium)
- 10:30-11:45 Inaugural Session (Venue: University Auditorium)
- 11:45 - 12:15 Tea and Refreshment
- 12:30 -13:30 Technical Session-I: [Agroecological Initiatives: Global and Indian Perspective](#) (Venue: Hall-1, Directorate of Extension Education)
- 13:30 - 14:45 Lunch
- 15:00-17:00 Technical Session-II: [Theme -1: Natural Resources Management through Agroecological Practices for Climate Resilience](#) (Venue: Hall-1, Directorate of Extension Education)
- 15:00-17:00 Technical Session-III (Parallel Session): [Theme - 2: Nature Based Solutions \(NbS\) for Crop Protection](#) (Venue: Hall-2, Directorate of Extension Education)
- 16:00-17:30 Parallel Poster Presentations of Theme - 1 and 2 (Venue: Lobby of Directorate of Extension Education)
- 17:00 - 17:30 Tea and Refreshment
- 18.30-19.30 Cultural Evening (LS Negi Auditorium/Open Air Theatre)
- 20:00 - 21:30 Dinner (University Guest House)

### Day 2 - Saturday, 14 September 2024

- 9:30-11:30 Technical Session-IV: [Theme 3 - Natural Farming for Socio-Economic Transformation](#) (Venue: Hall-1, Directorate of Extension Education)
- 9:30-11:30 Technical Session-V (Parallel Session): [Theme - 4: Innovations in Sustainable Food Systems](#) (Venue: Hall-2, Directorate of Extension Education)
- 10:30-12:00 Parallel Poster Presentations of Theme - 3 and 4 (Venue: Lobby of Directorate of Extension Education)
- 11:30-12:00 Tea and Refreshment
- 12:00-13:00 Technical Session-VI: [Panel Discussion – Academia, Industry and Farmer](#) (Venue: Hall-1, Directorate of Extension Education)
- 13:15 - 14:15 Lunch
- 14:30-15:30 Technical Session-VII: [Panel Discussion – Furthering Innovations in Natural Farming for Food Sustenance and Natural Resource Management](#) (Venue: Hall-1, Directorate of Extension Education)
- 15:45-17:15 Valedictory Session (Venue: Hall-1, Directorate of Extension Education)
- 17:15-17:45 Closing Tea and Refreshment



## Post Conference Field Visits (Optional) Sunday & Monday, 15-16 September 2024

The field visits for interested delegates will be conducted to vegetable and fruit based natural farming systems in Solan and Shimla districts of Himachal Pradesh. However, the registration cost will not cover the visits, and a nominal amount (₹ 1500/- per head per day for transport and lunch) will be charged.



### **Presentations and Guidelines for Extended Abstracts**

Oral and poster presentations will be made during each technical session on the aforementioned four themes. **Oral presentation should be restricted to 8-10 slides. The poster should be of 90 x 120 cm dimensions in portrait layout.** The template for oral and poster presentations will be shared with acceptance letter.

Extended abstract should be typed in Ariel font size 11 with bold title and headings. Theme should be mentioned on top of the page. Abstract should have Title (10-15 words); Keywords (4-5 words alphabetically); Introduction (upto 100 words max.); Material and methods (100-150 words max.); Results and conclusion (with only 1 tables/figures, 250 words max) and References (2 max, APA format). It should be submitted through email to [nfsfs.uhf@gmail.com](mailto:nfsfs.uhf@gmail.com) latest by 25<sup>th</sup> August 2024.

## How to Register

One can register by paying the registration fee as given below and filling the registration form at the link - <https://forms.gle/132wgoeuuksJw45e7>

The payment reference should also be sent by email at [nfsfs.uhf@gmail.com](mailto:nfsfs.uhf@gmail.com).

## Registration Fee

Category	Upto 31 <sup>st</sup> Aug		1 <sup>st</sup> Sept onwards	
	INR (₹)	USD (\$)	INR (₹)	USD (\$)
Scientists/Faculty	5000	125	5500	140
Students/SRF/RA	2500	60	3000	75
Industry/ Pvt. Org.	7500	200	8000	215
Accompanying	2500	60	3000	75
Family Member				

## Account Details

Account Holder Name	Indian Ecological Society
Account Type	Saving Bank Account
Account Number	37014744055
Name of Bank	State Bank of India, BO Nauri
IFSC Code	SBIN0050279
Swift Code	SBININBB288

## Important Deadlines

Submission of Abstract	: August 25, 2024
Issue of Acceptance Letters for Abstracts	: August 26, 2024
Payment of Registration Fee	: August 31, 2024
Request for Accommodation	: August 31, 2024

## Date and Venue

Conference date : September 13-14, 2024  
Venue : YSP UHF, Nauri, Solan

## Accommodation

Limited accommodation is available in University Guest House and will be available on first come first serve basis. The accommodation on payment basis will be booked in hotels in and around Solan city. The hotel room rents range between ₹ 1500 & 7500/- (\$ 20 – 100) (Twin sharing basis). For students, dormitory accommodation (payment basis) will be provided on request as per availability.

**For assistance regarding accommodation, please contact Lodging committee members:**

(1) Dr Bhupender Dutt, Professor: +91-88946-92271

(2) Dr Prashant, Assistant Professor: +91-94189-95874

## About Solan

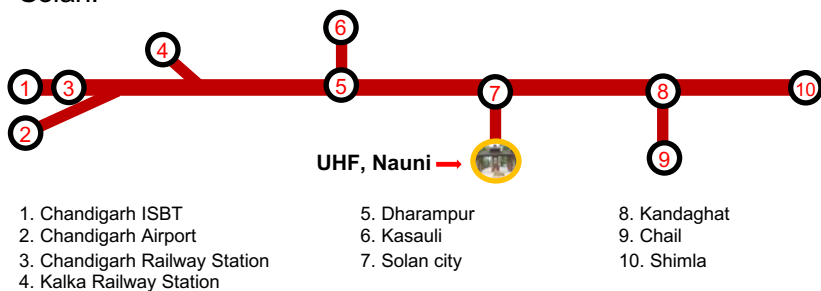
Solan city, headquarter of District Solan of Himachal Pradesh, India is known as the "Mushroom City of India" and is a popular tourist destination. It is located on the Chandigarh-Kalka-Shimla highway, between Chandigarh and Shimla, and 46 km south of the state capital. The city is at an average elevation of 1,600 m (5,200 ft) and has a moderate climate with an average annual average annual temperature of 15°C (59°F). It has many ancient temples and monasteries, including the Shoolini Mata Temple, Jatoli Shiv Temple, and Yundung Monastery. It is also a good starting point for visiting nearby hill stations like Shimla, Chail, and Kasauli.

## Weather

The climate of Solan is moderately cool during September with daily maximum temperatures around 23 to 27°C, and daily minimum temperatures between 14 to 17°C.

## How to reach

The YSP UHF is well connected by road and railway network. The university is located at Nauli about 15 kms from Solan city. Regular bus service is available from Delhi to Solan. The nearest broad gauge railway stations are Chandigarh and Kalka. Several trains including Shatabdi/Vande Bharat Express run from Delhi to these stations. Narrow gauge train is also available from Kalka to Solan. The nearest airport is in Chandigarh about 70 km from Solan.



## Places of interest in and around Solan



**Jatoli Shiv Temple**, one of the famous holy places in Solan and Asia's highest Shiv temple, offers a serene and spiritual experience (located 8 km away from UHF). Nestled amidst picturesque hills, its architecture reflects ancient design principles, inviting visitors to immerse in devotion and tranquility. The rhythmic chants and rituals by devotees enhance the ambiance, creating a sense of reverence and connection to the divine.

**Mohan Shakti Heritage Park** is located 30 km from UHF. This park is a captivating blend of spirituality and nature, featuring a grand temple with intricate carvings, expansive gardens, and stunning Himalayan views. The lush greenery, well-maintained lawns, and beautiful flower beds create a peaceful ambiance.



**Chail**, located about 50 km from UHF, is a serene hill station renowned for its captivating beauty and rich history. Once the summer capital of Patiala, it features the world's highest cricket ground, lush cedar forests, and the majestic Chail Palace. Surrounded by breathtaking landscapes, tranquil escape, and colonial architecture.

**Kasauli**, situated around 40 km from UHF, is a hilly cantonment town, offers breathtaking panoramic views of lush green valleys. Nestled amidst the majestic Himalayas, it's an ideal escape from city life, known for its pleasant weather year-round. Offering picturesque nature trails amidst beautiful forests of pines, herbs, and cedar trees.



**Shimla**, the capital of HP, is a charming hill station in the Himalayas (~60 km from UHF). Known for its colonial architecture and leisurely pace, it was once the summer capital of British India. Surrounded by lush greenery and snow-capped peaks, Shimla offers breathtaking views and is a haven for nature lovers.



# Conference Committee

- Chief Patron:** Dr Himanshu Pathak,  
*Secretary, DARE & Director General, ICAR, New Delhi*
- Patron:** Prof Rajeshwar Singh Chandel,  
*Vice Chancellor, YSPUHF, Nauni, Solan*
- Advisory Committee:** Smt Yogita Rana, IAS, *Joint Secretary (INM), Gol*  
Sh C Paulrasu, IAS, *Secretary (Agriculture), GoHP*  
Sh Rakesh Kanwar, IAS, *Pr. Secretary to Hon'ble CM & Secretary (Education), GoHP*  
Smt Kumad Singh, IAS, *Director of Agriculture, GoHP*  
Sh Vinay Singh, IAS, *Director of Horticulture, GoHP*  
Dr Allison Loconto, *Deputy Director, LISIS, INRAE, France*  
Dr PL Gautam, *Chancellor, RPCAU, Pusa, Bihar*  
Dr SK Chaudhari, *DDG (NRM), ICAR*  
Dr RC Aggarwal, *DDG (Education), ICAR*  
Dr AK Singh, *Vice Chancellor, RLBCAU, Jhansi, UP*  
Dr Neelam Patel, *Senior Advisor, NITI Aayog, Gol*  
Dr CK Timbadia *Vice Chancellor, GNFSU*  
Padma Shri Hari Om, *Gurukul Kurukshetra*  
Dr AK Dhawan, *President, Indian Ecological Society*  
Prof Pardeep Kumar, *Dean- Academics, CUHP & President, IES HP Chapter*
- Chairman:** Dr Sanjeev K Chauhan,  
*Director of Research, YSPUHF, Nauni, Solan*
- Convenor:** Dr Inder Dev  
*Director of Extension Education, YSPUHF, Nauni, Solan*
- Co-Convenors:** Dr Subhash C Verma, *Prof & Head (Ento)*  
Dr Narender K Bharat, *Prof & Head (SST)*
- Organising Secretary:** Dr Sudhir Verma, *Pr Scientist (Soils)*  
Dr Rakesh Sharma, *Assoc Prof & Head (FST)*
- Co-Organising Secretary:** Dr Subhash Sharma, *Assoc Prof & Head (Social Sci)*  
Dr Pramod Kumar, *Sr Scientist (Fruit Sci)*
- Members:** Dr Ashu Chandel, *Professor (Stats)*  
Mr Ashish Gupta, *Int'l Consultant*  
Dr Kuldeep Thakur, *Pr Scientist (Veg Sci)*  
Dr Upender Singh, *Sr Scientist (Soils)*  
Dr Rohit Bishist, *Assoc Prof (Livestock Prod & Mangt)*  
Dr Sumit Vashist, *Scientist (Ento)*  
Dr VGS Chandel, *Scientist (Ento)*

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## Address for correspondence

Organising Secretary  
(ESFS-NF 2024)

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