



Regional Workshop on Framework and Toolkit Development

SAHF Knowledge Hub (SKHub) - Community of Practices (CoP)

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OVERVIEW

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SAHF Knowledge Hub Overview



The SAHF Knowledge Hub (SKHub)

- A dedicated web platform for learning and collaboration in Hydrology, Meteorology, and Climate for South Asia.
- Provides centralized access to diverse learning resources, courses, and expert networks through the **SKHub Learning Management System (LMS)**.
- Serves as a central hub for knowledge and collaboration in the field.
- Connects platforms like the Forecasters' Forum and Data Exchange (DataEx) to enhance regional service delivery.
- Provides an interactive way to learn using **Quizzes** integrated in courses.
- Fosters a sense of community with **Community of Practices (CoP)**

Features of SKHub



Home > All Courses

All Courses

Search courses...



Newly published



Weather Systems & Severe Weather Events and Meteorological Hazards, and Climate-Related Disasters

by [admin](#) in [Capacity Enhancement \(CE\)](#)

1 Lesson 1 Quiz 44 Students

A course on Weather Systems & Severe Weather Events and Meteorological Hazards, and Climate-Related

Home > All Courses > Radiation > Radiation Processes and Climate: Understanding Earth's Energy Balance



Instructor
Admin

Category
Climate | Radiation

Review
★★★★★

Radiation Processes and Climate: Understanding Earth's Energy Balance

8 Lessons 0 Quizzes 0 Students

[Overview](#) [Curriculum](#) [Instructor](#) [Reviews](#)

Radiation processes and energy balance are fundamental concepts in understanding how energy is transferred and maintained in various systems. Radiation refers to the emission and propagation of energy through space or a medium in the form of electromagnetic waves or particles. This process is crucial in the Earth's energy balance, where incoming solar radiation is absorbed by the Earth's surface and atmosphere, and then re-emitted as infrared radiation. The balance between incoming and outgoing radiation determines the Earth's climate and temperature. Understanding these processes helps in studying climate change, weather patterns, and the overall energy dynamics of the planet.

Resource Person  [Dr. Shiromani Jayawardane](#)

Estimated Completion Time: 1hour



Start Now

Features



LMS Courses

Self-paced courses from regional experts with progress tracking, course reviews and certificates.



Rich Resources

Curated learning resources, articles, podcasts, and educational videos.



Glossary

Glossary to help explain certain terminologies inside Courses, Quizzes and across the whole platform.



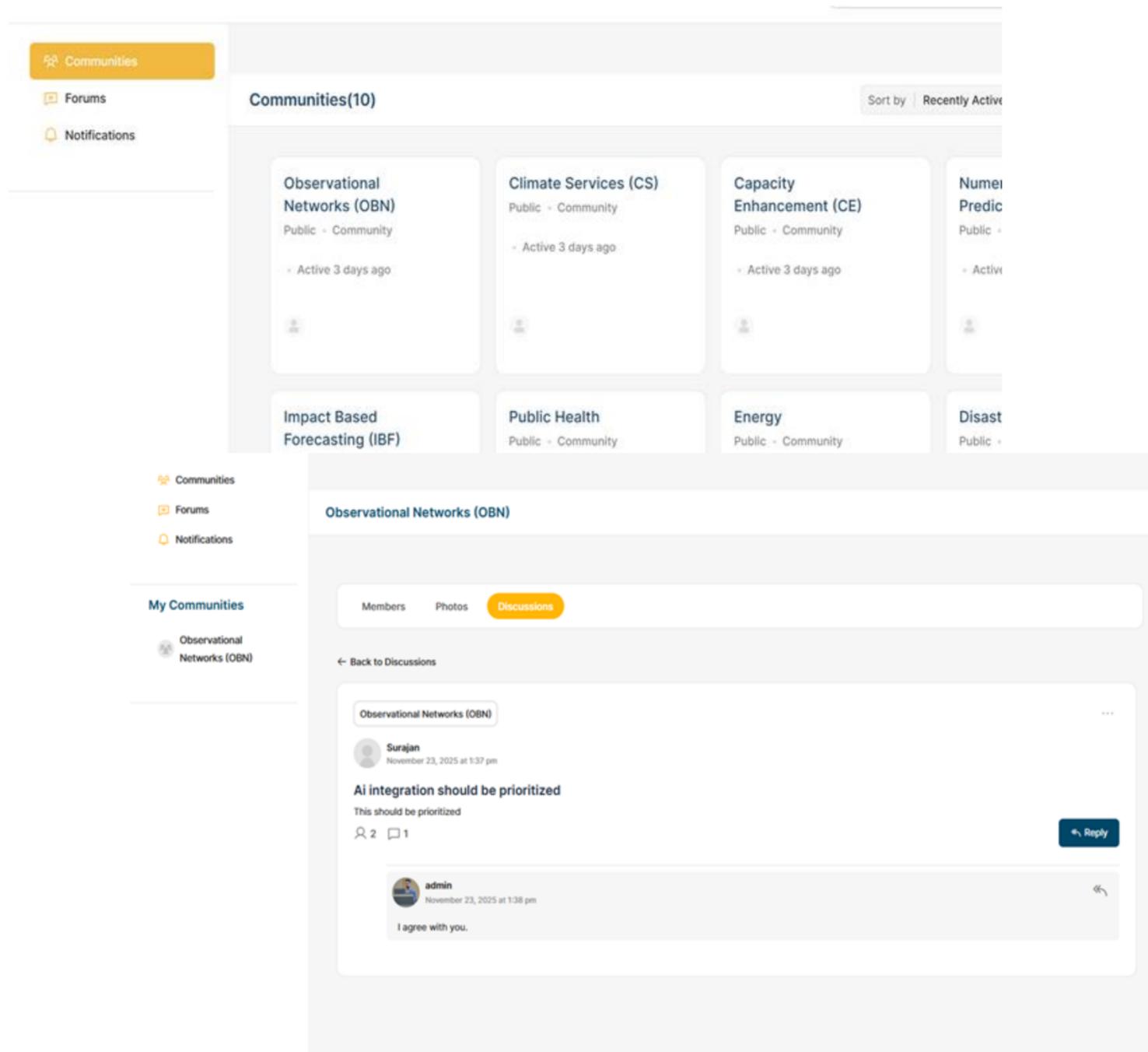
Quiz

Interactive quizzes to assess understanding and reinforce learning.

Introducing: Communities of Practices



Features of CoP



Communities

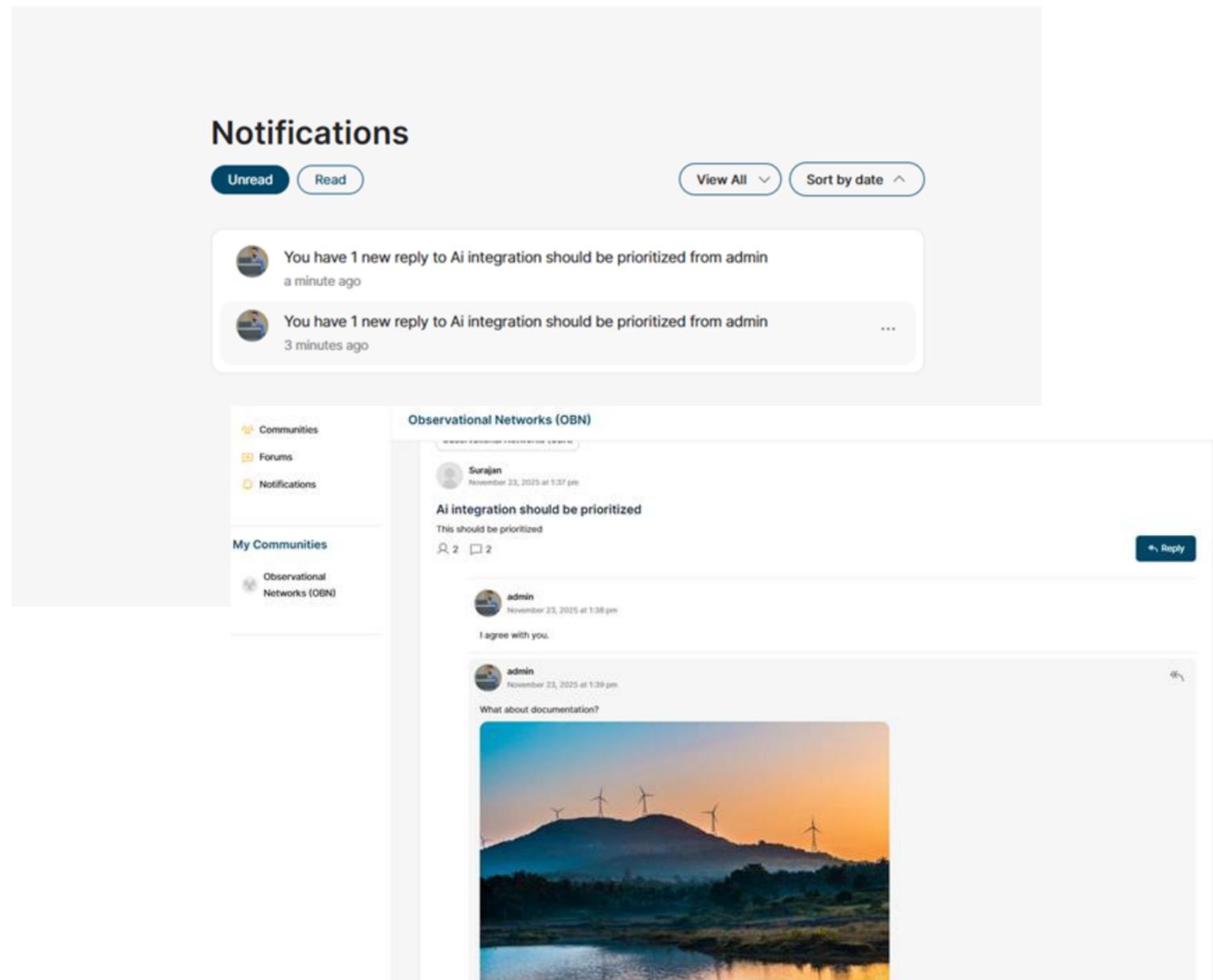
Browse and join specialized communities tailored to SAHF Thematic areas like: IBF, NWP, OBN, Climate Services (CS) and others like Public Health, Energy, Disaster Risk Reduction and many more. This creates focused hubs for experts to gather.



Discussion Forums

Within each community, engage in threaded discussions. This feature allows for deep-dive conversations, threaded replies, and continuous dialogue on pressing topics.

Features of CoP



Media Sharing

Communication is more than just text. Seamlessly upload images directly inside discussions and replies. This is vital for sharing chart images, field data, etc instantly.



Notifications

Stay updated with a built-in notification system. Receive instant alerts inside the app for new replies, mentions, and community updates, ensuring they never miss a critical conversation.

Thank You

knowledgehub.sahf.info

