

Impacts-based Forecasting (IBF) Workshop

IITM Pune during 29-30 Nov 2019

Aim and desired outcomes of the workshop:

The WCSSP India WP3 Impacts-based Forecasting (IbF) workshop aims to provide an overview of the current research being undertaken within this field in India and the UK, to identify future research steps that can be undertaken within WCSSP. The workshop will ensure that all attendees develop a shared understanding of the concepts and terminology used in India and the UK. Research gaps and opportunities will be identified that will inform and prioritise the research direction of WP3 'Risk-based forecasting and high-impact weather/seasonal climate events'.

Day 1: Overview of IbF

Timing	Session title	Note
08:30 – 09:00	<i>Set up posters on display boards.</i>	
09:00 – 09:30	Welcome, introductions & aim of workshop by Indian Partner Institutes.	MoES, IITM & IMD to provide short welcome speeches for the event (10 minutes each)
09:30 – 10:00	Introduction to Workshop & Theme	Dr Robbins (Met Office)
10:00 – 10:45	IBF Terminology as described by WMO and the UN Office for Disaster Risk Reduction	Presentation + handout (plus some time for discussion)
10:45 – 11:00	Coffee Break & Group Photo	
11:00 – 12:30	IBF practical session (IbF Serious Game)	Led by Catrina Johnson (Met Office)
12:30 – 13:30	Lunch	
13:30 – 15:00	Summary of MoES Institute Activities related to IbF	6 oral presentations - 12mins per presentation (+ 3 minutes questions/discussion)
15:00 – 15:15	Coffee Break	
15:15 – 16:45	Summary of UK Institute Activities related to IbF	15 mins per presentation (+ 3 minutes questions/discussion)
16:45 – 17:00	Summary of Day 1 outcomes & Intro to day 2	Dr Robbins (Met Office)
17:00 – 18:00	Knowledge sharing reception & poster session	Drinks and snacks provided

Day 2: Overview of IbF

Timing	Session title	Note
09:00 – 09:15	Aim of Day 2	Dr Robbins (Met Office)
09:30 – 10:30	Introduction to Impact Modelling (different types of models/information & approaches)	Dr Robbins (Met Office)
10:30 – 10:45	Coffee Break	
10:45 – 12:30	Requirements for Service Implementation (using Value Chain) – Part 1	Intro. Presentation (15 mins) - Dr Robbins + café style discussion (1.5 hours)

12:30 – 13:30	Lunch	
13:30 – 15:00	Requirements for Service Implementation (using Value Chain) – Part 2	Café style discussion (1.5 hours)
15:00 – 15:30	Coffee Break	
15:30 – 15:45	Introduction to structured discussion session:	Presentation (15 mins) – Dr Robbins Key themes for discussion will be identified prior to the coffee break. Possible options include: impact data collection, attribution and types of severe weather; Objective v's subjective IbF approaches
15:45 – 16:30	Identifying opportunities and research gaps through structured discussion	Group discussion (possibly breakouts)
16:30 – 17:00	Wrap-up, next steps & Close	Met Office, IMD & MoES [TBC]

The tangible output from this workshop will be a workshop proceedings report which will provide details of the discussions and the next steps for further collaborative research activities. The workshop proceedings report is due for completion in February 2020.