Researchers from IIT Madras and Gauhati University have developed a method to distinguish the actual establishment of the monsoon over a region from temporary, localised rainfall. It identifies sustained rainfall associated with large-scale monsoon circulation rather than isolated showers.

The method could improve agricultural sowing decisions, water-resource management, food security and flood preparedness by providing a more reliable assessment of monsoon onset.

APSC Relevance: Indian Monsoon, Climate Research