

agMOOCs

Discussion on Weather Forecast and agro advisory from Different Website

Dr. R. Nagarajan

Dear students. In the last class we have seen mass communication mode of agro advisories and their effectiveness. In this class we would like to see that the discussion on weather forecast and agro advisory from different websites.

(Refer Slide Time: 00:23)

Discussion on weather forecast and agro advisory from different website

Areas of important activity

1. Development of medium range forecast for 5 days at district level twice in a week (Tuesday and Friday)- IMD (IMD Head Quarters, New Delhi + DDG Agmet, Pune + Regional Meteorological Centre)
2. Agromet Field Units (AMFU) – Positioned at each agro climatic zones (127) across India owned by both SAUs and ICAR institute. AMFU prepare agro advisory for each district of the climatic zone based on weather forecast for dominant crops cultivated, their stages, pest and disease load and soil moisture

AMFU – These units communicate developed agro advisory to the farmers by different modes (Daily, Radio, TV, uploading in website, SMS, personnel communication on demand).

Mod-07 Lec-26 Discussion on weather forecast and agro advisory from different website - YouTube

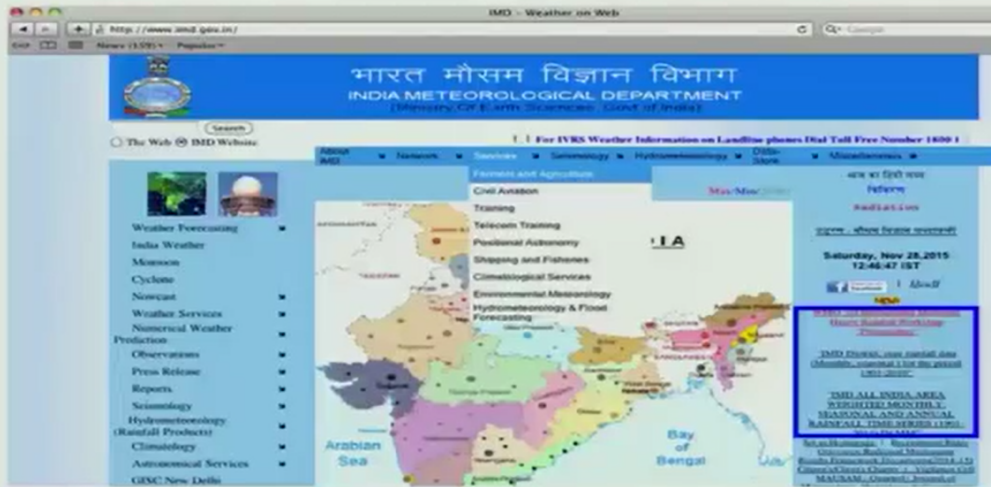
00:00:24 00:05:43

In India nowadays the information technology provided a wire free connection to all the remotely located places across the nation. This can be used for dissemination of the agro advisory services through a wire free connection do using the different websites. Let me see the important activities of the agro advisory services for dissemination. It consists of three important parts before being synthesized. The first one is the development of medium-range weather forecast for five days at a district level, which can be prepared by the India Meteorological Department consisting of IMD Headquarters, New Delhi, DDG Agmet located at Pune, Regional Meteorological Centers. After preparing the weather forecast issued to the agro meteorological field units located at 127 field units across the India. After getting this information weather forecast, the AMFU prepared the weather-based agro advisories by prevailing the crop situation and stages of the crop, and soil moisture condition, as well as the pest and disease load. After preparing this agro advisories by the AMFU by considering the weather forecast issued by the IMD it will be uploaded on different modes or communicated to the different modes, such as Daily, Radio, TV and even it is uploaded in the different websites, as well as short message services, and also the personal communication on demand. Let us see, what are all the websites which communicates or disseminate the agro advisory services in India.

(Refer Slide Time: 02:39)

Discussion on weather forecast and agro advisory from different website

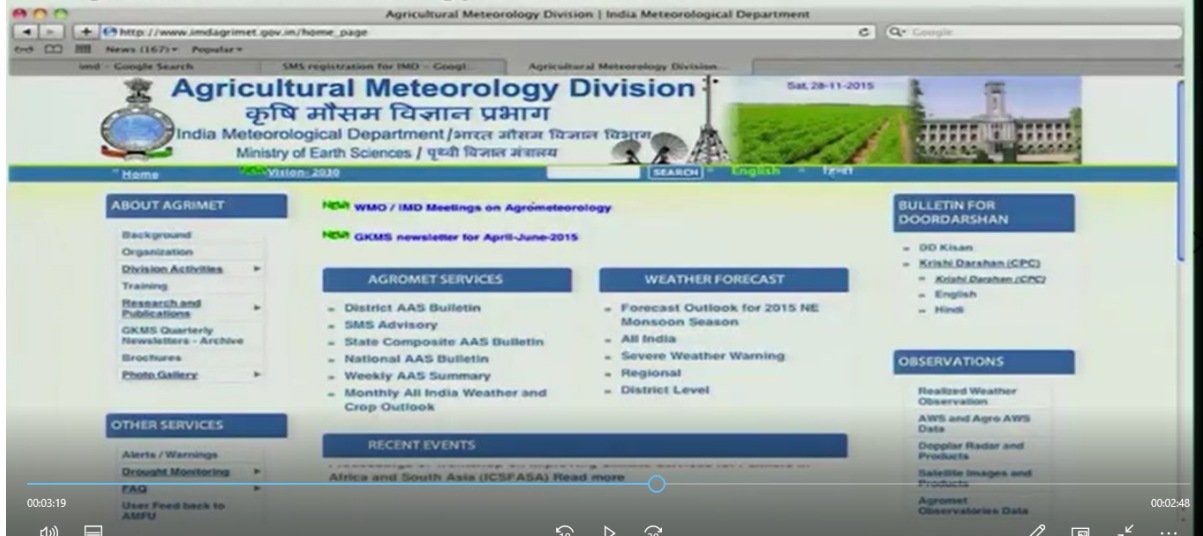
India Meteorological Department (IMD), New Delhi



The India Meteorological Department located at New Delhi it's one of the prime most organization to provide several kinds of weather information, weather forecasting. It includes the agro advisory services to the farmers.
(Refer Slide Time 03:10)

Discussion on weather forecast and agro advisory from different website

Agricultural Meteorology Division, IMD

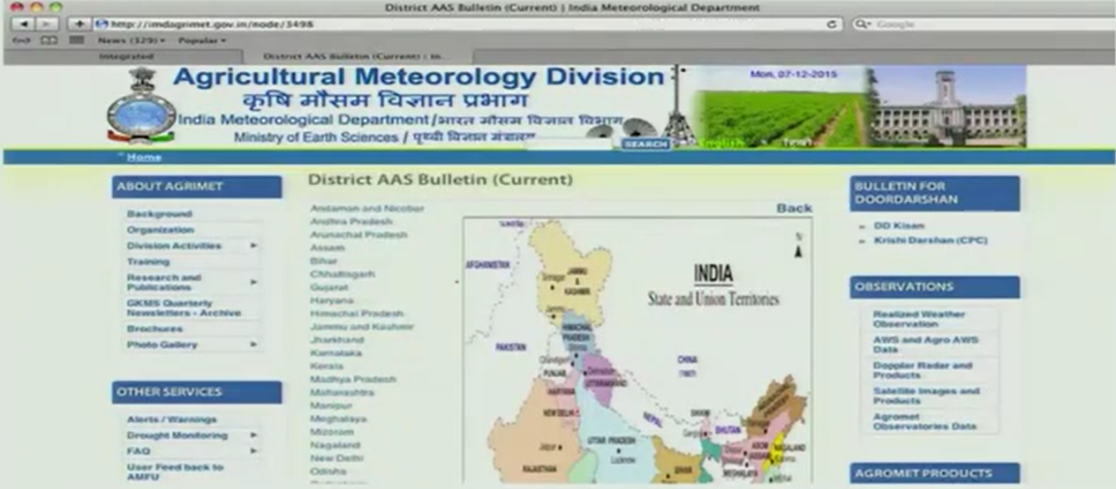


If you go to the menu services then you can click the farmers and the agriculture drop-down menu, it will take you to the other website that is imdagrimet.gov.in. This is the agriculture metrological division which provides the compelled information of district level agro advisory services. I told you already that the medium-range weather forecast issued by the IMD has been taken by the AMFU unit to prepare the weather agro advisories, then those informations are provided in the agricultural metrology division website. It provides lot of information, such as agrimet services, the weather forecast on weekly basis or daily basis, as well as it provides the information for district level, state level and also the national level. If you click the information the District Agro Advisory Services Bulletin it will take you to the other pages.

(Refer Slide Time: 04:16)

Discussion on weather forecast and agro advisory from different website

Agromet Advisory Service at district level




00:04:48

That will list all the states available in India starting from Andaman and Nicobar, Andhra Pradesh, Arunachal Pradesh, Assam, Bihar, Chhattisgarh, Gujarat. If you want to know the agro advisories for your districts you can choose the state and the select your districts. You can get the information about the agro advisories for your districts.

(Refer Slide Time: 04:46)

Discussion on weather forecast and agro advisory from different website

AAS - Indian Council of Agricultural Research, New Delhi



00:05:48

In addition to that there are number of other websites also available in India owned by the Indian Council of Agriculture Research, as well as State Agricultural University. Indian Council of Agriculture Research located at New Delhi are also provided agro advisory services through their websites.

(Refer Slide Time: 05:11)



Likewise, the Indian agricultural research institute located at New Delhi also provided the agro advisory services on weekly basis.
(Refer Slide Time: 05:23)



Similarly, the Central Research Institute for Dryland Agriculture located at the Hyderabad has also provided the similar kind of information to the farmers. In addition to that all the agriculture university located in India are also provided agro advisory services through their websites. So this is about the dissemination of agro advisory services through different websites. In the next class, we will see how to disseminate these technologies to the village level by using the climate managers. Thank you.