

## Workshop on “Forest Above Ground Biomass Estimation Using Synthetic Aperture Radar in Synergy with Other Methods”

**May 13-14, 2015**  
**Workshop Schedule**

**Venue:** Video Conference Room, Institute of Space Technology, Islamabad

**Wednesday – May 13, 2015**

Timing	Topic	Resource Person
10:00 – 10:15 Hours	Introductory Remarks	Dr. Waqas A. Qazi
10:15 – 11:15 Hours	Fundamentals of Remote Sensing & Satellite Image Processing	Mr. Mirza Muhammad Waqar
11:15 – 12:15 Hours	Forest Biomass and Surveying Techniques for Forest Biomass Estimation	Ms. Aqeela Mobeen Akhtar
12:15 – 13:15 Hours	WWF-Pakistan Activities in Forest Resource Assessment, Monitoring, and Management	Mr. Naeem Shehzad
13:15 – 14:15 Hours	<b>Lunch and Prayer Break</b>	-
14:15 – 16:00 Hours	Remote Sensing based techniques to assess biomass at very high resolution using optical imagery	Mr. Mirza Muhammad Waqar
	<b>Evening Tea</b>	-

**Thursday – May 14, 2015**

10:00 – 11:30 Hours	Introduction to Microwave & SAR Remote Sensing	Dr. Waqas A. Qazi
11:30 – 12:00 Hours	<b>Morning Tea</b>	-
12:00 – 13:00 Hours	SAR Imaging and Applications	Dr. Waqas A. Qazi
13:00 – 14:00 Hours	<b>Lunch and Prayer Break</b>	-
14:00 – 15:00 Hours	Forest Above Ground Biomass Estimation using SAR	Dr. Waqas A. Qazi
15:00 – 15:15 Hours	Discussion & Participant Feedback	Dr. Waqas A. Qazi + Mr. Mirza Muhammad Waqar
15:15 – 15:30 Hours	Closing Remarks	Dr. Farrukh Chishtie
15:30 – 16:00 Hours	<b>Evening Tea and Certificate Collection</b>	-

### Workshop Materials:

The workshop materials will be uploaded on the GREL-LMS, which is an open-source Moodle based e-learning platform developed by GREL. The GREL-LMS aims to support effective and interactive learning by providing highly user friendly and dynamic online courses at IST, customizable for both degree courses and workshops. The workshop materials can be accessed during / after the workshop (up till 15<sup>th</sup> June, 2015) with the following credentials:

URL:                    <http://grel.ist.edu.pk/lms/>  
Username:            guestuser  
Password:            BiomassWorkshop@1314