



## APN Project (CRRP-04MY-ALI) Inception/Training Workshop

on

### “Observation and statistical models requirement for preparation of high resolution reference data”

October 21-23, 2019

Room 2, Building 3,

IAP, Chinese Academy of Science, Beijing, China

### Tentative Workshop Programme

Day - 1 October 21,2019		
	Activity	Resource Person
09:00-09:30	Registration	
<b>Inaugural Session</b>		
09:30-09:45	Welcome remarks	Prof. Dan Li
09:45-10:15	Chief guest Address/ inauguration	To be decided by Prof Dan Li
10:15-10:30	Project Overview	Dr. Shaukat Ali
10:30-11:00	<i>Group Photo, Tea/Coffee</i>	
<b>Technical Session- Research framework and methodology</b>		
11:00-11:30	Group Discussion on study area	Moderator: Dr. Shaukat Ali
11:30-12:00	Group Discussion on preparation of local scale reference data	Moderator: Dr. Jaepil Cho
12:00-12:30	Preparation of future climate extreme data	Moderator: Dr. Firdos Khan
12:30-1:00	Discussion on Project framework	Moderator: Prof. Madan Lal Shrestha
1:00-2:00	<i>Lunch</i>	
<b>Training Session-I</b>		
02:00-04:00	<b>Hands-on: Preparation of observed data for statistical downscaling</b> - Quality control and gap filling of observed weather station data	Trainer: Dr. Jaepil Cho
04:00-04:30	<i>Tea/Coffee</i>	
<b>Training Session-II</b>		

04:30-06:00	<b>Hands-on: Preparation of observed data for statistical downscaling</b> - Quality control and gap filling of observed weather station data - Generating high-resolution data using CDT-PRISM	Trainer: Dr. Jaepil Cho
<b>Day -2 October 22, 2019</b>		
<b>Training Session-III(A)</b>		
09:00-11:00	<b>Hands-on: Downscaling of climate change scenario data</b> - Downscaling of CMIP6 and CORDEX data using rSQM	Trainer: Dr. Jaepil Cho
11:00-11:30	<i>Tea/coffee</i>	
<b>Training Session-III (B)</b>		
11:30-1:00	<b>Hands-on: Downscaling of climate change scenario data</b> - Downscaling of CMIP6 and CORDEX data using rSQM	Trainer: Dr. Jaepil Cho
01:00-02:00	<i>Lunch</i>	
<b>Training session-IV</b>		
02:00-05:00	<b>Hands-on: Analysis of changes in drought characteristics using EDI</b> - EDI analysis using rDrought package	Trainer: Dr. Jaepil Cho
<b>Day -3 October 23, 2019</b>		
<b>Training Session-V</b>		
09:00-11:00	Hands on-Preparation of data and calculation of statistics for analysis	Trainer: Dr. Michelle Simoes Reboita
11:00-11:30	<i>Tea/Coffee</i>	
<b>Training Session-V (B)</b>		
11:30-01:00	Hands on-Preparation of climate data and calculation of statistics for analysis	Trainer: Dr. Michelle Simoes Reboita
01:00-02:00	<i>Lunch</i>	
<b>Training Session-VI</b>		

02:00-03:30	Hands on- Latest result plotting techniques for monsoon extremes	Trainer: Dr. Michelle Simoes Reboita
<b>Training Session-VII</b>		
03:30-04:30	Hands on-Bayesian Statistics for uncertainty analysis of extreme events	Trainer: Dr. Firdos Khan
04:30-05:00	<i>Tea</i>	
<b>Concluding Session</b>		
05:00-05:30	Summary of workshop proceedings	Prof. Shrestha
05:30-05:50	Concluding remarks	Prof Dan Li
05:50-06:10	Vote of Thanks	Mr. Shahbaz Mehmood
06:10-06:30	Distribution of Certificates/Souvenirs	