



CLIMATE INNOVATION CHALLENGE
Monthly Progress Update

Reporting Period (Month)	20 th March 2022 to 20 th April 2022
Grantee Name	<u>Pakistan Council of Research in Water Resources (PCRWR)</u>
Project Title	<u>Customized irrigation and climate advisory services through citizen science</u>
List the key activities undertaken during this month <ul style="list-style-type: none"> Improvement in the web database of ICAS receiving citizen science data Development of first advisory text message Start sending advisory text messages to farmers Planned first formal farmer feedback survey (design and pre-test questionnaire) Planning for National Workshop of project to be held on May 24th, 2022 	
List the key beneficiaries /stakeholders consulted during this month <ul style="list-style-type: none"> Daily interaction with farmers through WhatsApp group regarding various aspects of ICAS data collection through android based mobile app. Conducted two project team meetings during the reporting period 	
Summarize key achievements and milestones of this month <ul style="list-style-type: none"> Initiated ICAS service to selected farmers <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>10:16</p> <p>← PCRWR</p> <p>نمبر: 03011173756</p> <p>4-18 10:45</p> <p>کسان دوست، بہاولپور (11 تا 17 اپریل) میں گئے کی فصل نے (1.0 انچ) پانی استعمال کیا اور اگلے ہفتے میں بارش متوقع نہیں ہے۔ لہذا اس کے مطابق آپہاشی کریں۔ شکریہ! رابطہ نمبر: 03011173756</p> </div> <div style="text-align: center;"> <p>10:16</p> <p>← PCRWR</p> <p>4-18 11:17</p> <p>کسان دوست، ملتان (19 تا 25 اپریل) دن / شام کے اوقات میں ہوا 10-03 کلومیٹر فی گھنٹہ کی رفتار سے چل سکتی ہے اور درجہ حرارت (42°C) تک جانے کا امکان ہے۔ شکریہ! رابطہ نمبر: 03011173756</p> </div> </div> <p style="text-align: center;"><i>Irrigation and climate advisory services to farmers</i></p> <ul style="list-style-type: none"> The text messages are sent to farmers in urdu language. The irrigation advisory message reads that, "In Bahawalpur, during 11-17 April the sugarcane crop has consumed 1.0 inches of water. Rainfall is not expected next week. Please plan an irrigation accordingly". Wind velocity is very important information for farmers during wheat harvesting period which spans over the whole month of May. The wind advisory message reads "In Multan, during April 19-25, the wind speed will be 3 km/hr and in evening 10 km/hr. Temperature may reach up to 42 degree Celsius". 	
List key issues to be resolved <ul style="list-style-type: none"> Nil 	
Any additional issues (observations/learning in terms of the applicability, scalability and sustainability) <p>This year the temperature was recorded higher than normal and wheat crop harvesting went smoothly. The project team learnt that during the times of wheat harvesting, wind velocity is</p>	

very important to farmers. Therefore, under ICAS, a wind velocity advisory message was also sent to farmers.