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To Whom It May Concern

This is to confirm that Ms. Samina Bibi, a PhD candidate from Quaid-i-Azam University, Islamabad, participated in an exchange program, under my supervision, at the University of Aberdeen from August 5, 2024, to September 13, 2024. This exchange was facilitated by The Scottish Universities Partnership for Environmental Research (SUPER DTP), with funding awarded by NERC under its Diversity, Equity, and Inclusion (DEI) CDT/DTP Flexible Funding Award.

During this exchange, Ms. Bibi successfully investigated the impact of nutrient and water stresses on wheat productivity in Pakistan using the DNDC (DeNitrification DeComposition) model. She gained valuable experience in calibrating, validating, and applying the model to simulate wheat yields under drought and nutrient stress conditions. These simulations provided crucial insights into how such stresses affect crop performance and revealed opportunities to optimize management strategies.

In addition to her technical accomplishments, Ms. Bibi delivered an excellent presentation on her PhD research, engaging with our team and benefitting from collaboration and networking with experts in the field. Her participation in this exchange program aligned with the key objectives, including gaining a deeper understanding of stress impacts, identifying Best Management Practices (BMPs) for sustainable agriculture, and developing essential research skills.

This exchange has laid the foundation for future research collaborations aimed at advancing sustainable agricultural practices and building research capacity in Pakistan. We were delighted to host Ms. Bibi, and we are confident that her contributions and the knowledge gained during this program will have lasting impacts on her work.

yours sincerely,

Dr. Mohamed Abdalla