**Research topics in the OKP-IRA-104278 project**

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| **University** | **Topic title** | **Name of researcher** | **WUR/SLM guide** | **Progress** |
| **June-Dec.** | **Jan-marchFiled work** | **April-JuneFirst draft** | **June-JulySubmission** |
| Anbar | Water Harvesting for Improving Water Productivity in the Western Desert of Iraq | Ammar A. Ali | MichelKarrar | Field works  |  |  |  |
| Basra | Effect of different compost on growth of tomato plants ( Solanum esculentium L.) and some physical and chemical properties for three Iraqi soil textures | Mohsen A. Disher and Salwa Jumaah Fakher-  |  |  |  |  |  |
| **Salahaddin-Erbil** | **Water availability, quality, and uses in rural communities of Kurdistan Region, Iraq** | **Dr. Shwan Omar Ismael Seeyan** | **Coen****Karrar** | **Field work** | **Working on the Collected data from groundwater and surface water + data analysis and data uses.** | **Determination of the quality, availability, water uses, and water classification + writing paper and Submitting first draft.**  | **Finish writing paper + Paper Submission.** |
| Mosul | Solar Powered Automated Water Control System and Root Zone Environment Sensors in The Greenhouse | Dr Yousif Yakoub Hilal | Jos van DamKarrar |  |  |  |  |
| Karbala | [Increasing the agriculture areas in the Karbala desert area in Iraq by assessing the recharge of groundwater through numerical simulation](file:///C%3A%5CUsers%5CShwan%5CDesktop%5CKarbala%20uni%20research%5CProposal%20of%20University%20of%20Kerbala.pdf)  | Dr Waqed H. Hassan | CoenKarrar |  |  |  |  |
| Kufa | Economic extension study to increase the efficiency of agricultural water management and the use of climate-smart agriculture in Iraq | Dr Laith Jaafar Hussein Hnoosh | Karrar............. |  |  |  |  |