

We hereby provide information about our organisation with the intention to team up with other CCUS experts. We are interested in discussing new project proposals to upcoming ACT Calls related to subjects listed below.

1. Name of Institution

Afyon Kocatepe University, Engineering Faculty, Civil Engineering Department

2. Specialities field within CCS

Carbon capture with construction materials, Storage, Utilisation in building elements, corrosion

By addition of polymeric additives in the cement based composites, we have captured the CO₂ in high ratio. The cement based composites have also storage the CO₂. Absorbing of CO₂ from the atmosphere provides surface hardening on composites and thus, corrosion process can be decreased. By the project, we want to study on capturing of CO₂, especially in the crowd cities, by hundreds kilometers cement based concrete road, barriers and building walls.

3. Website

<https://bys.aku.edu.tr/cv.php?cvGonder=d41d0752f5b8819dd872ad61cd50d24fdb77d14a>

4. Contact person:

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