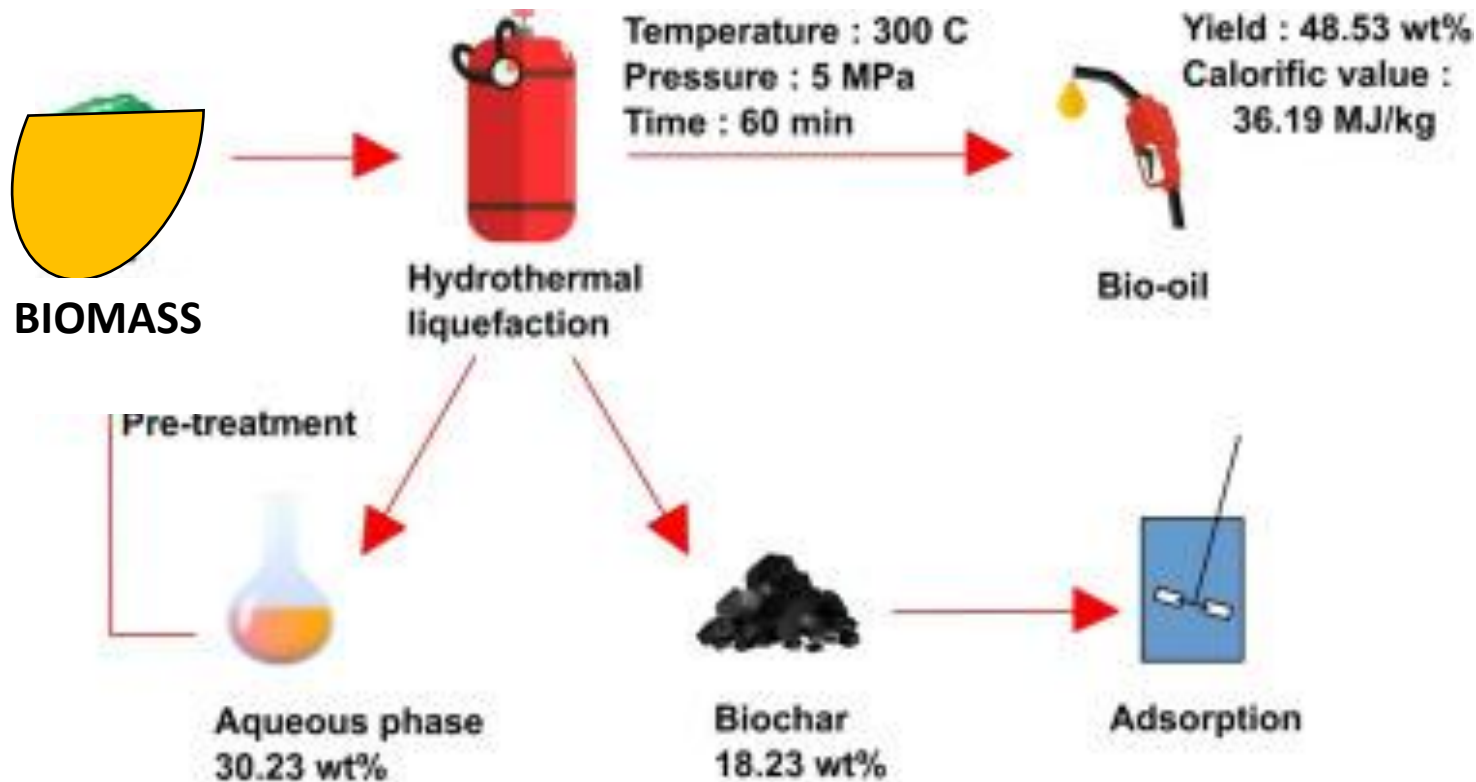


Adsorption of ACP using Biochar

Dr. Kauser Jahan



Hydrothermal liquefaction (HTL) is a viable thermochemical process for converting wet solid wastes into biocrude that can be hydroprocessed to liquid transportation fuel blendstocks and specialty chemicals. The aqueous coproduct (ACP) from HTL contains significant amounts (20–50%) of the biogenic feed carbon, and other toxic compounds. Biochar is also produced during HTL.

We will investigate the adsorption of ACP on biochar by conducting batch adsorption studies. Seeking students with interest in environmental engineering experiments.