Assessment of CO_2 removal efficiency by using alkaline waste water

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Greenhouse gas (GHG) emissions are being considered in the Republic of Korea and globally. Policy and technology studies are actively ongoing to reduce these emissions. According to the IEA/OECD 2009 report, the Republic of Korea is the world's 6th largest country in greenhouse gas emissions. Among the GHGs reduction technologies, CCS technology estimated to have high efficiency for reducing CO_2. However CCS has the weak points in South Korea. South Korea did not have the storage place enough. So we thought that it need to eliminate the sources. For reducing CO_2, we made an experiment for CO_2 fixtion by using alkaline waste water. And then, we assessment of CO_2 removal efficiency when using the alkaline waste water.