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| **IB DP Geography – Contrasting Resource Security in Switzerland & UAE.** |



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| This worksheet compliments the case study and data collection exercise on geographyalltheway. |



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| **Location.** Mark the location of both Switzerland and the UAE on the precipitation map above. Comment in the space below about the contrasting patters of precipitation and what this might mean for food, energy and water security.  |
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| You can use the table of links on GATW ( <http://www.geographyalltheway.com/in/ib-global-change/03-007-water-food-energy.htm> ), or the links here to complete the data and research tasks below: |
| Image result for switzerland UAE | **Switzerland** | **UAE** |
| **Key Data** |
| **Map** | Switzerland | United Arab Emirates |
| **Description of climate & topography of the country (use Google maps)** |  |  |
| **Income Level****GDP Per Capita $** |  |  |
| **Total Population & density** |  |  |
| **Human Development Ranking** |  |  |
| **Water Security** |
| **Current Situation** | <https://www.swissinfo.ch/eng/thinking-ahead_tapping-into-switzerland-s-future-water-resources/34541266>  | <https://studies.aljazeera.net/en/dossiers/2015/03/20153318534835257.html>  |
| **Possibilities** |  | <https://www.theguardian.com/environment/2016/jan/29/uae-banks-on-rainmakers-to-secure-future-water-supply> |
| **Food Security** |
| **Current Situation** | <https://www.swissinfo.ch/eng/directdemocracy/vote-september-24--2017_enshrining-food-security--from-the-farm-to-the-fork/43365026> <https://foodsecurityindex.eiu.com/Country/Details#Switzerland>  | <https://www.oxfordbusinessgroup.com/analysis/focus-food-security-gcc-nations-are-working-improve-logistics-and-supply-chains-well-secu-3> <https://foodsecurityindex.eiu.com/Country/Details#United%20Arab%20Emirates>  |
| **Possibilities** |  |  |
| **Energy Security** |
| **Current Situation** | <https://naturalsciences.ch/topics/water/water_exploitation/water_resources_management/challenges>  | <https://www.thenational.ae/business/uae-energy-security-lies-in-diversification-1.262212>  |
| **Possibilities** |  |  |