The Relationship between CH4 Emission Concentration and Vegetation Index

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- In order to investigate the methane sources, We used SCIAMACHY data to investigate the changes in the CH4 concentration time series during 9 years.
- ◆ The CH4 concentration's growth rate during 9 years is 3- 5 ppb/year
- We proposed the CH4 emission concentration to calculate the quantitative amount of CH4
- \bullet CH₄ emission concentration (land) = CH₄ concentration (land) CH₄ concentration (sea)