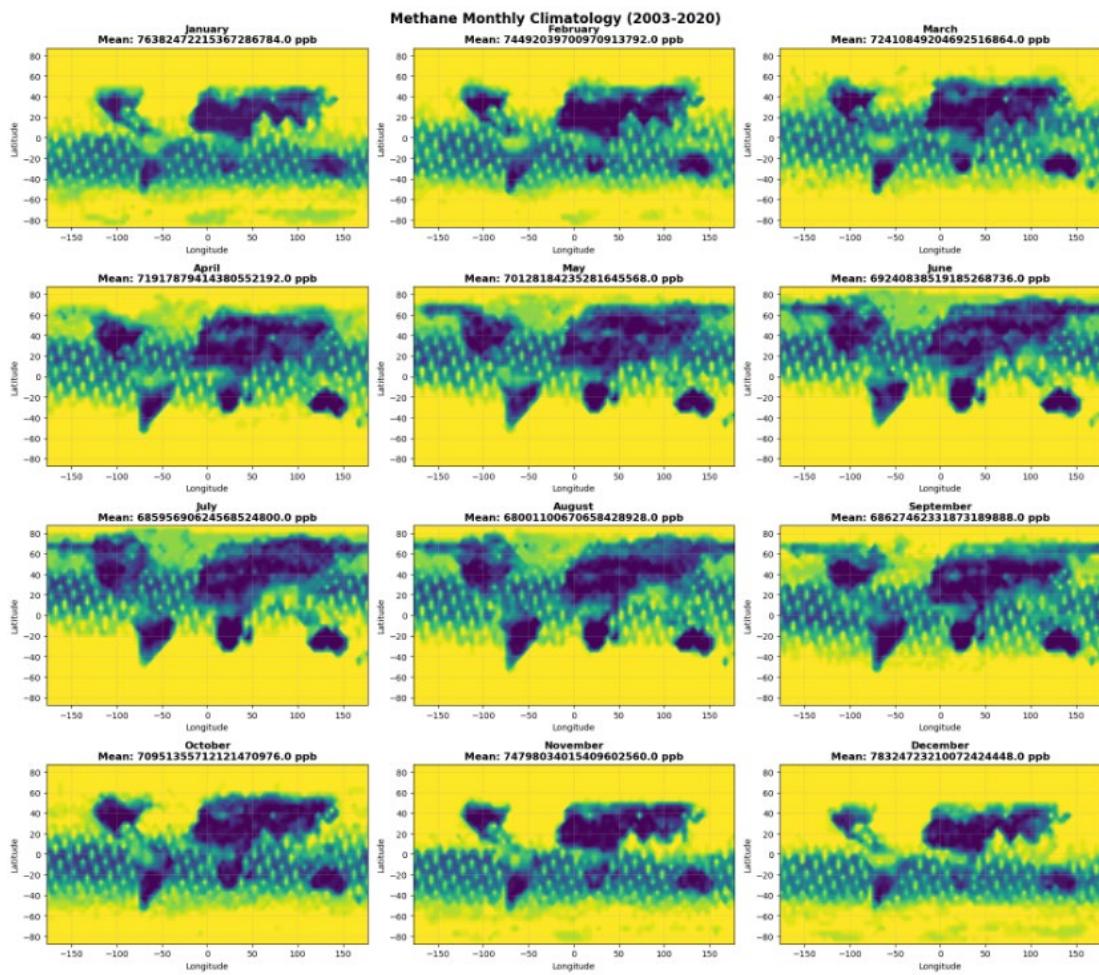
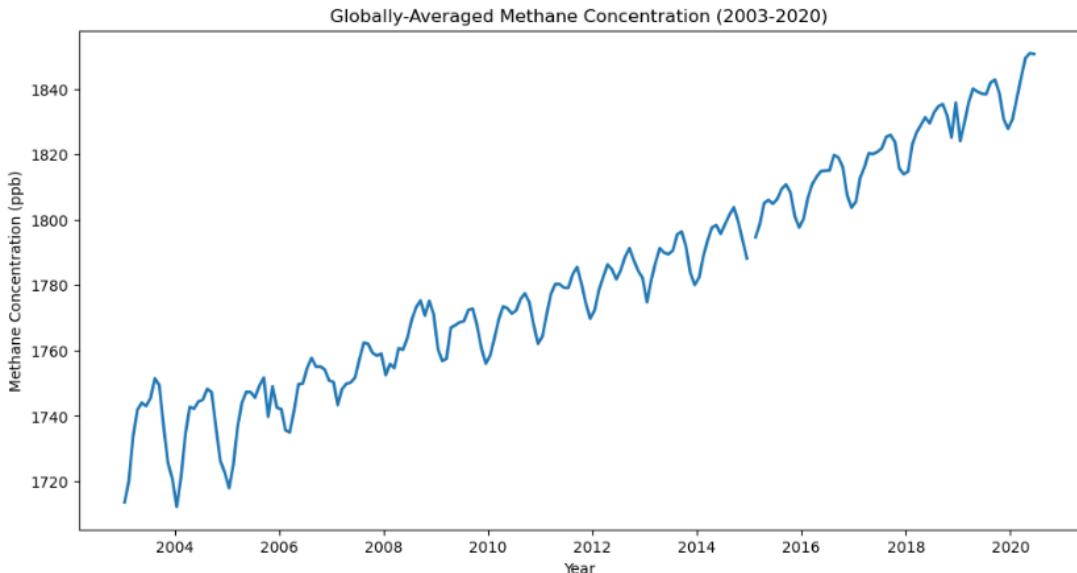


## 1.1

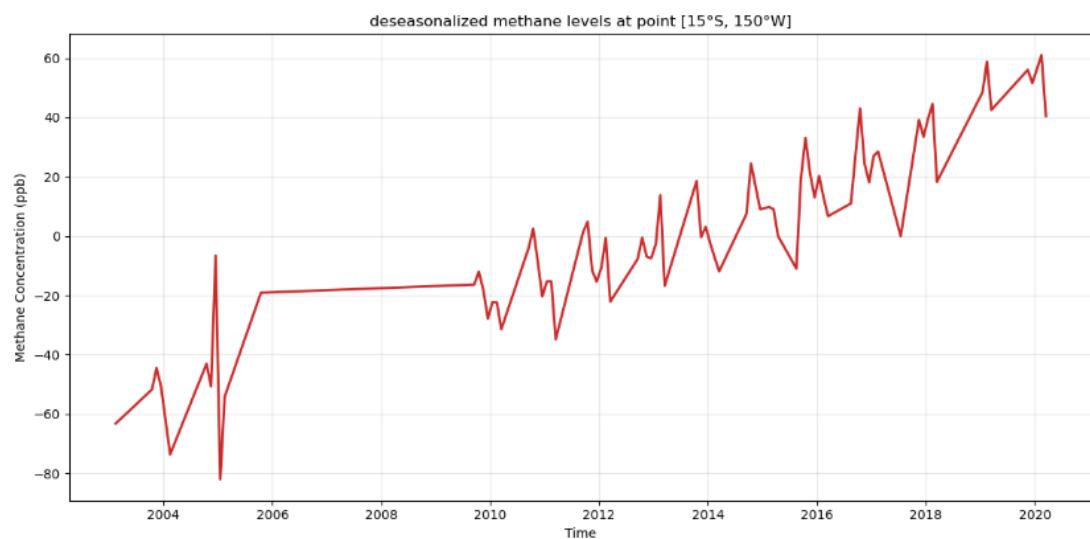


## 1.2



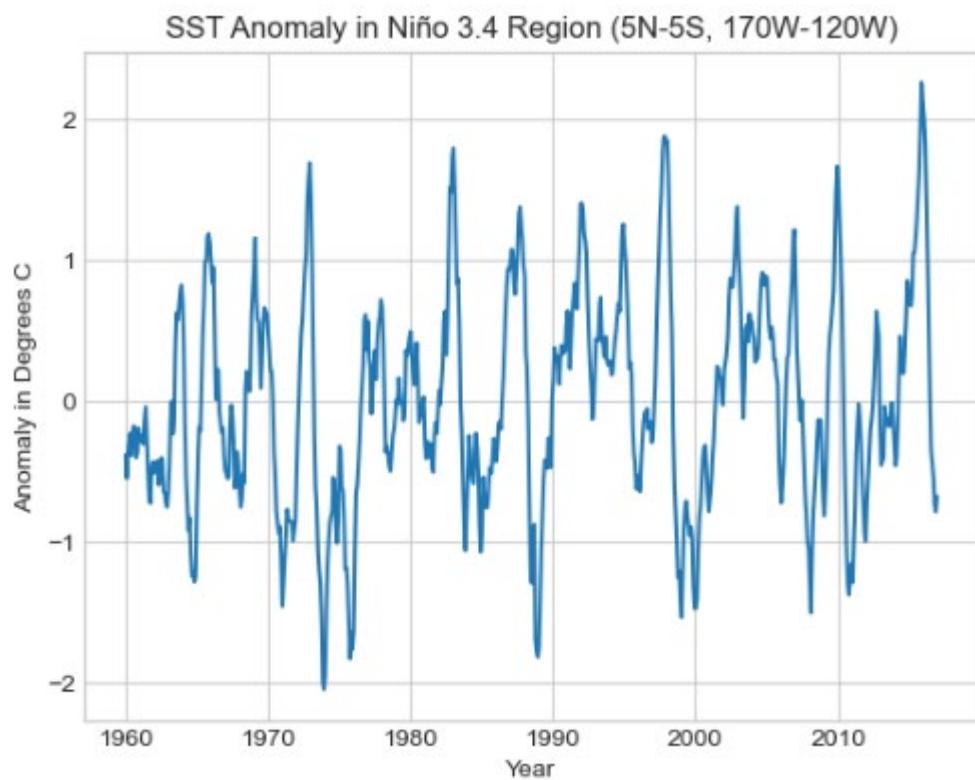
结论：曲线整体呈现显著的上升趋势。其中 2003-2006 年期间增长相对缓慢，而从 2007 年开始，增长速率明显加快。在长期上升的趋势线上，叠加着锯齿状的季节性循环。这可能是由全球湿地排放、农业活动等的季节性变化引起的。

### 1.3

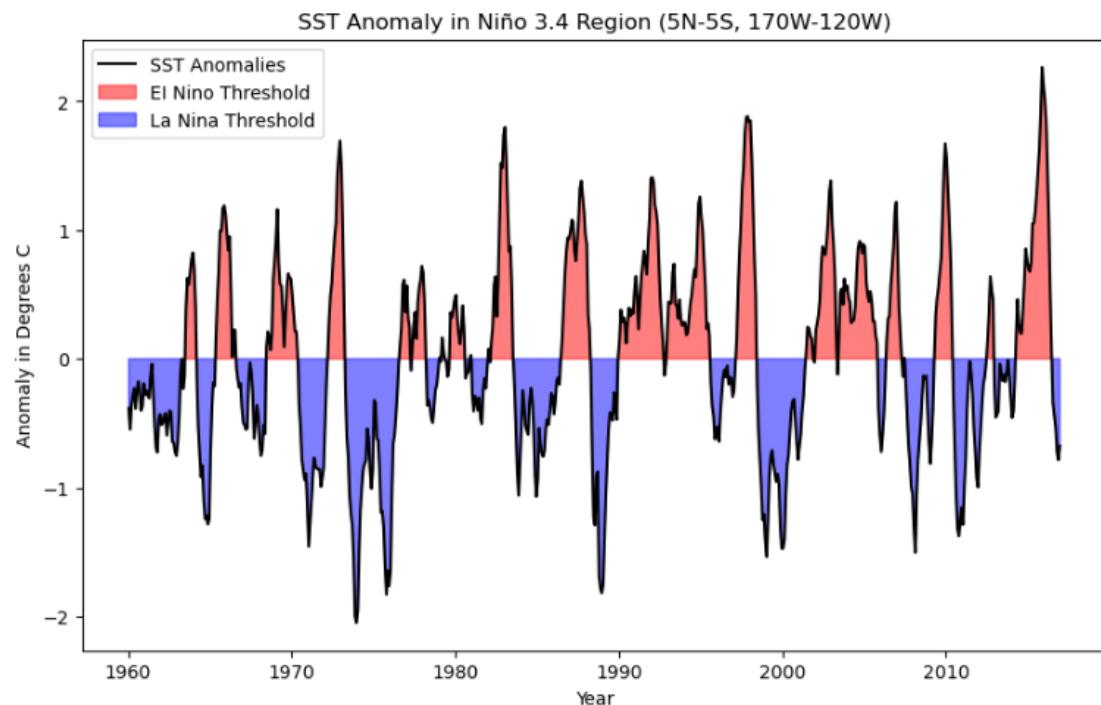


结论：尽管曲线是去季节化的，但它仍将显示出清晰的长期上升趋势。说明全球甲烷排放量持续增加。

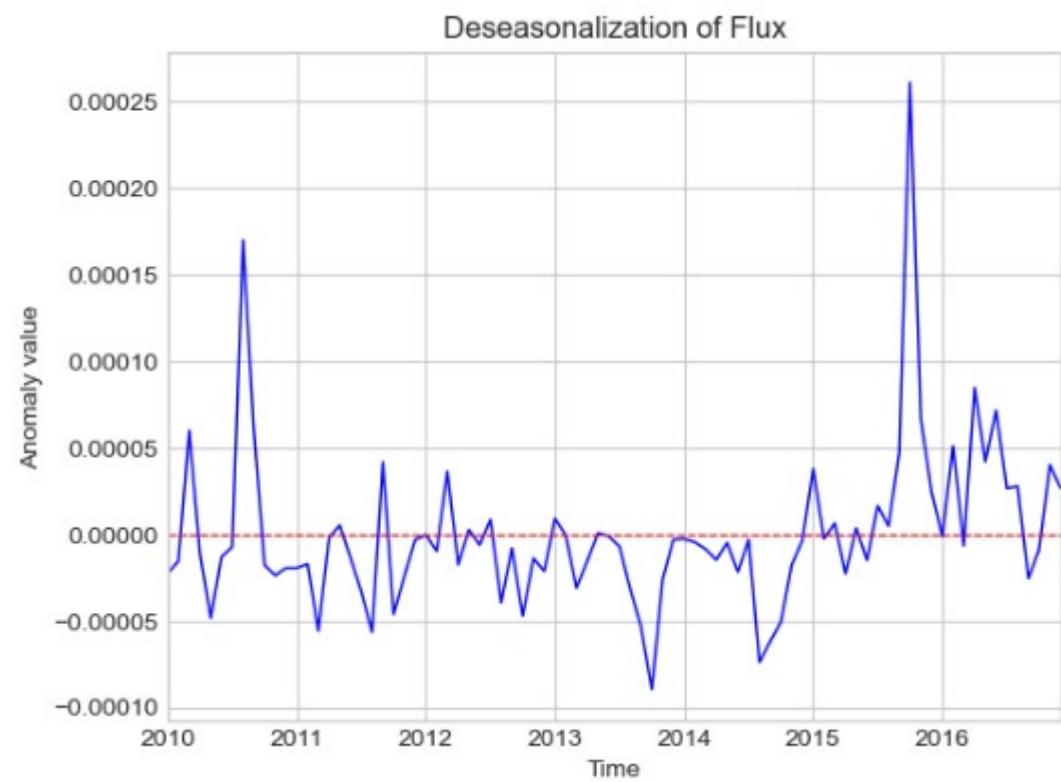
### 2.1



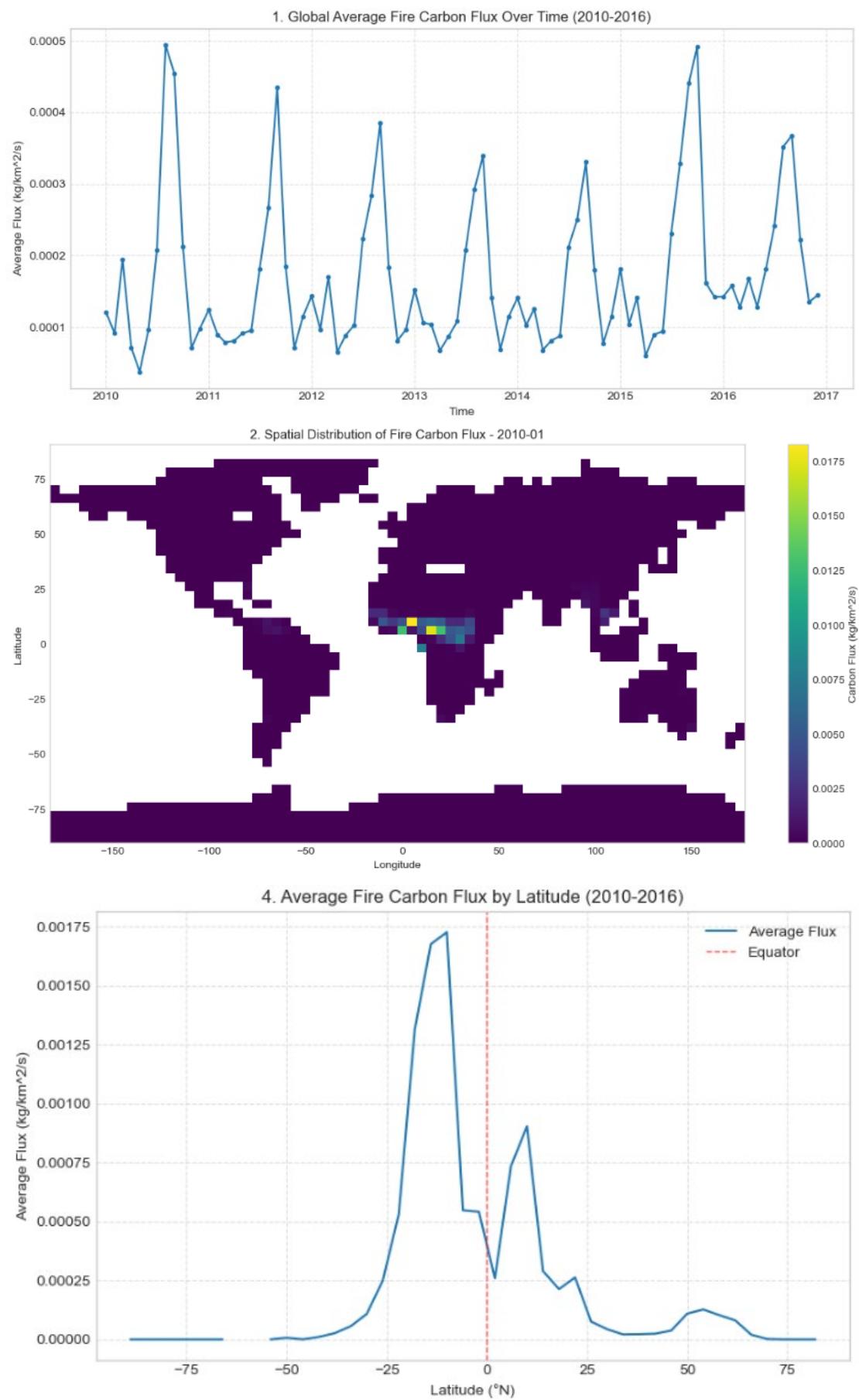
### 2.2



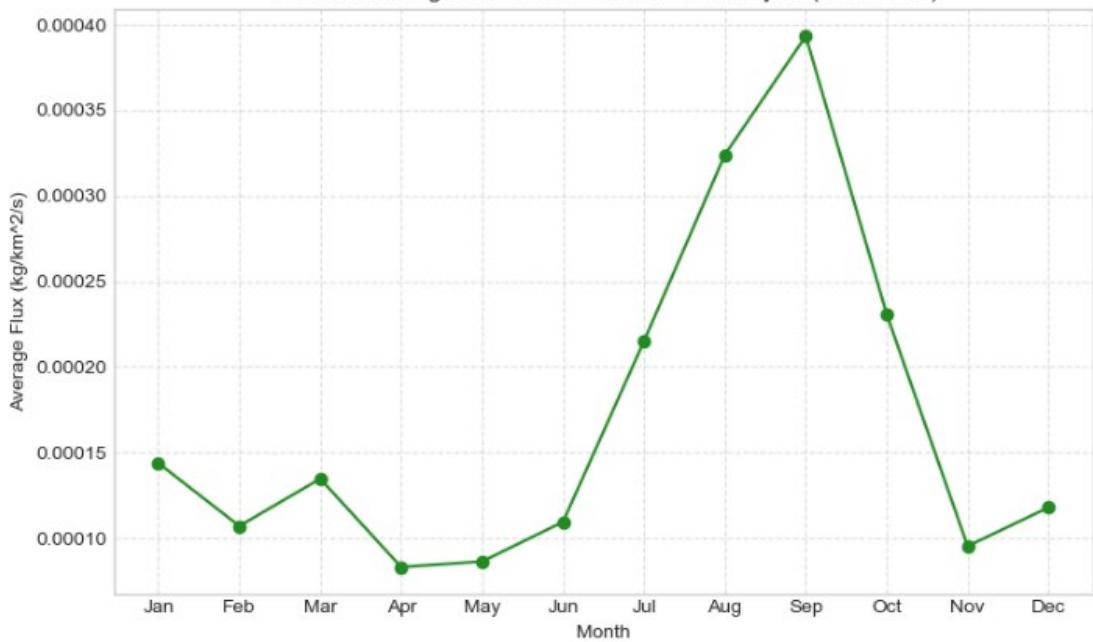
3.1



3.2



4. Global Average Fire Carbon Flux Seasonal Cycle (2010-2016)



5. Comparison of Annual Total Flux and Total Uncertainty

