



Source: United Nations. 2020. Map of the world [online]. [Cited July 2022]

Rice is one of the major crops grown in Viet Nam. The extent of the rice field was obtained by training a machine learning model to classify the satellite imageries (Planet, Sentinel-1 and Sentinel-2) for 2021. The results, obtained at 5m spatial resolution, were further separated into rainfed and irrigated rice field using the NDVI and EVI indices of the winter season and aggregated into townlets for comparative assessments.

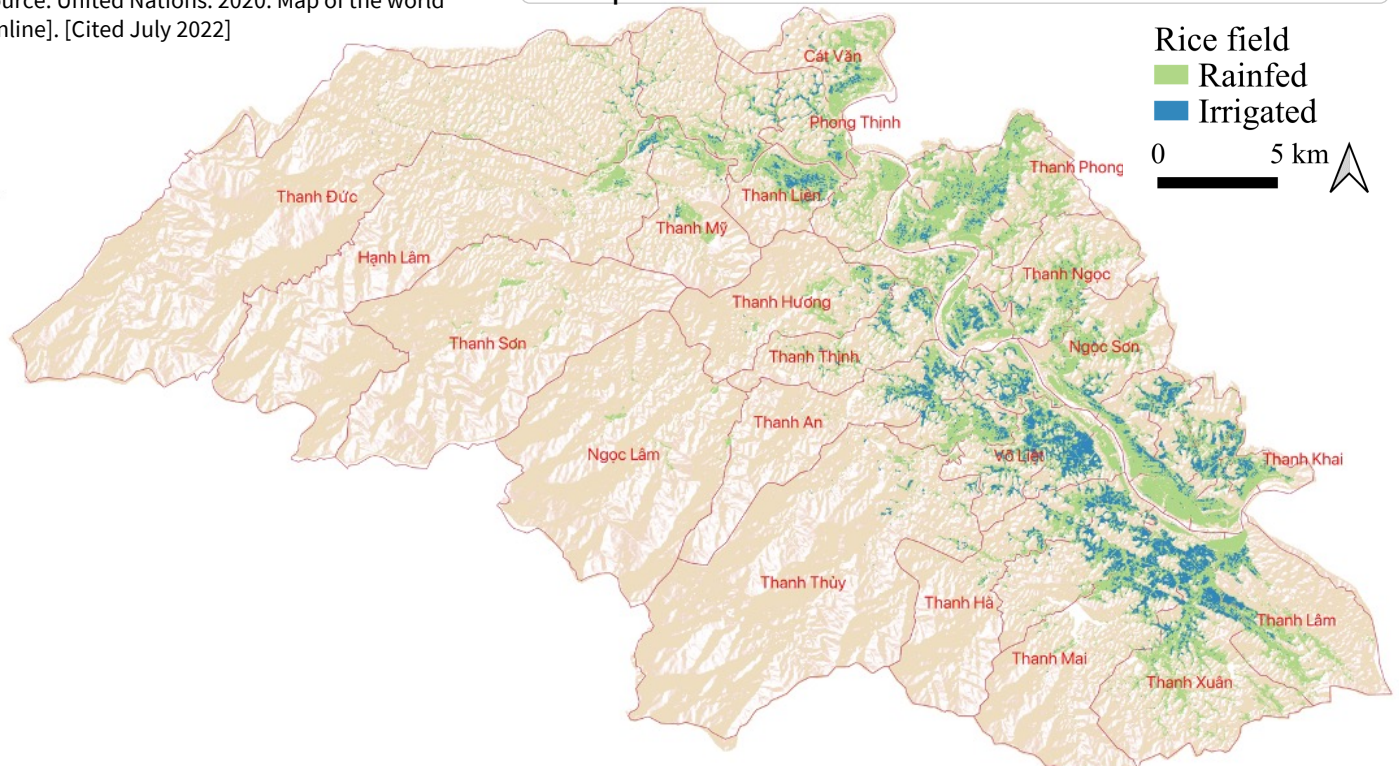


Figure 1: Spatial extent of rice fields (irrigated and rainfed) in Thanh Chuong district in Viet Nam (2021¹)

Table 1: Extent of rainfed and irrigated rice fields (in ha) in Thanh Chuong district

Townlets	Rainfed	Irrigated	Total
Thanh Xuan	841	226	1 067
Thanh Phong	678	59	737
Vo Liet	439	290	729
Ngoc Son	639	80	718
Thanh Lam	606	110	716
Thanh Ngoc	580	53	633
Thanh Mai	344	214	558
Thanh Ha	383	158	541

Top eight

Key Findings

- 15 908 ha (12 635 rainfed and 3 273 irrigated) of rice fields are available in Thanh Chuong district in 2021.
- Townlets with a higher extent of rice field area are Thanh Xuan, Thanh Phong, Vo liet, Ngoc Son and Thanh Lam.

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