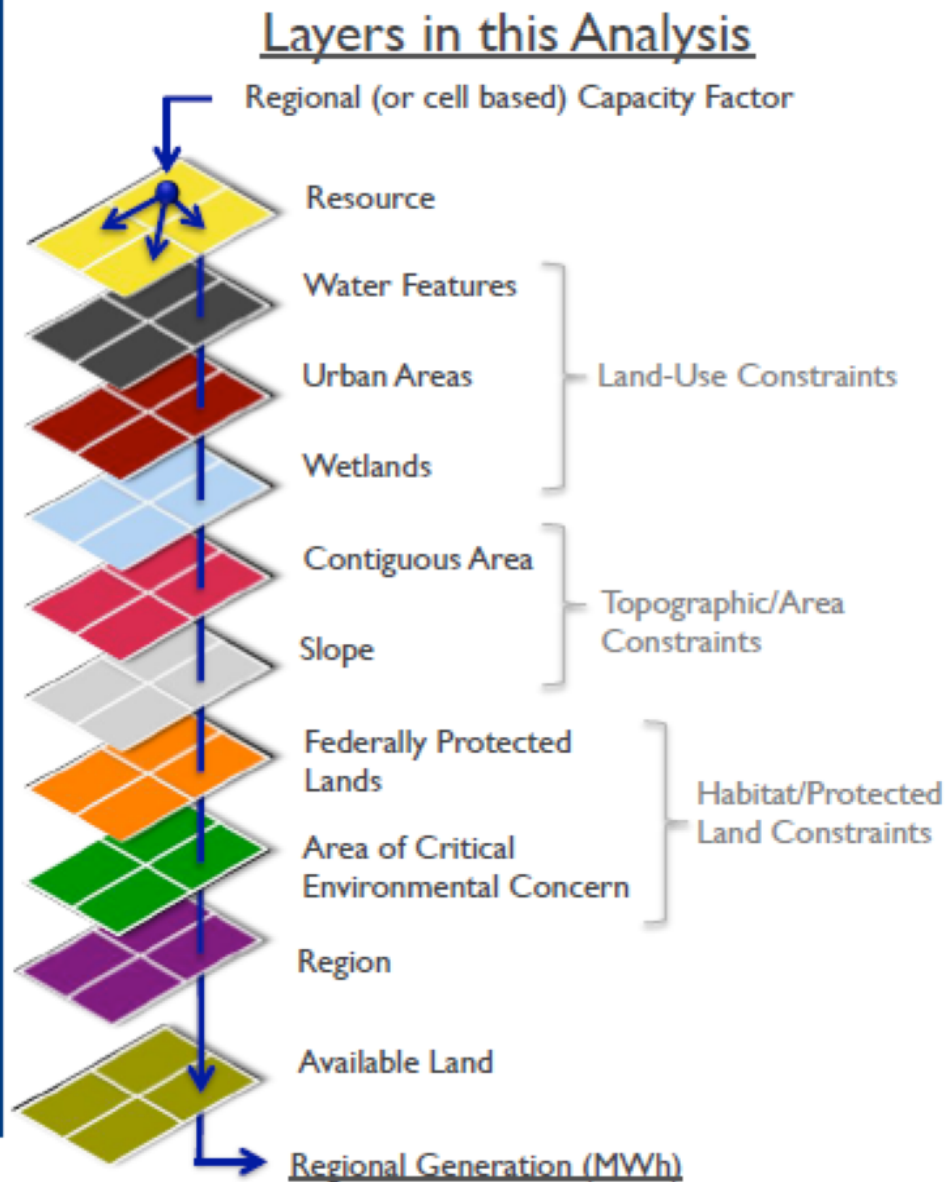


缅甸太阳能光伏资源 发展潜力评估

Department of Research & Innovation(DRI)
北京市朝阳区永续全球环境研究所(GEI)
中科院广州能源研究所(GIEC)

缅甸太阳能资源评估 所需数据



Custom GIS Application

- GHI/PVOUT/DNI
long term yearly average of daily totals
Data layers are provided in a geographic spatial
- Geo Database
- Radiation Map (GHI, PVOut)

Spatial Analysis

- Land types that need to be excluded
 - Forest
 - Cropland
 - Water area
 - Protected areas
 - Slope > 15%
- map of administrative zone/divisions (GIS)

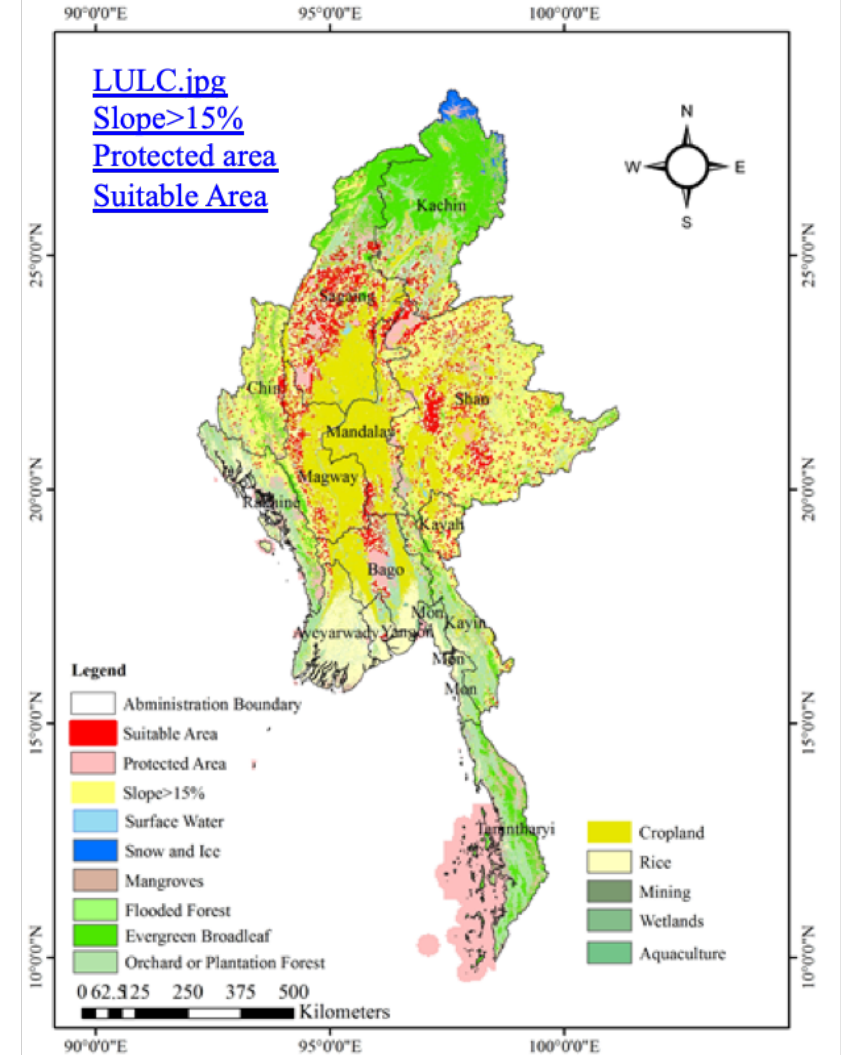
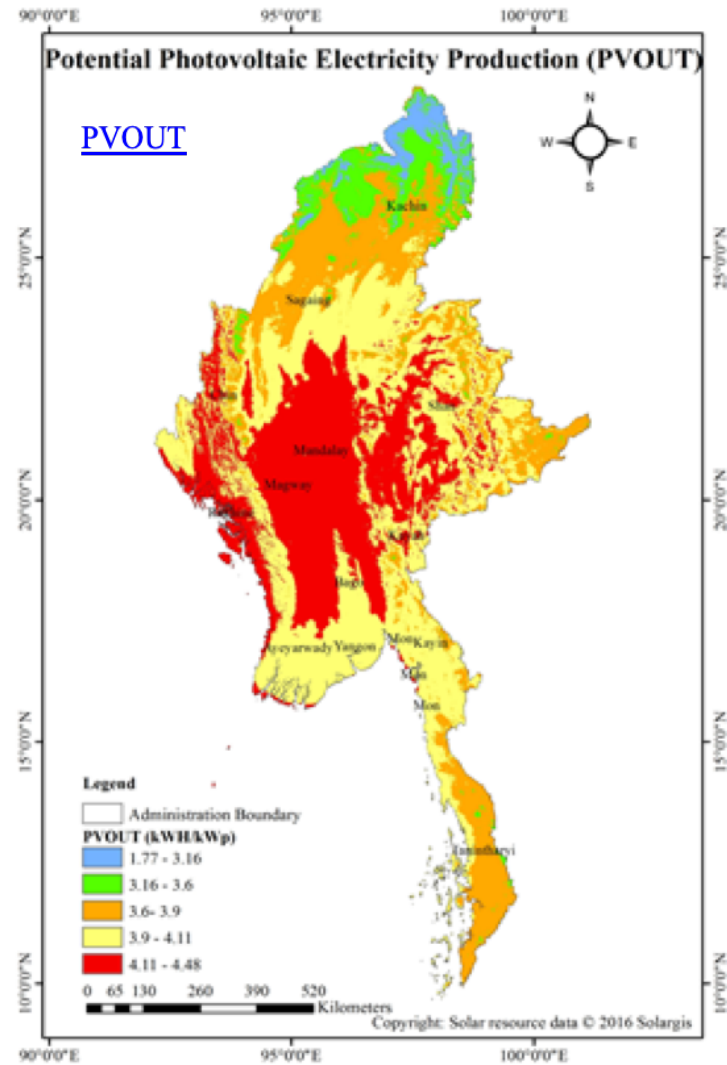
Resource Assessment

- Technical PV potential for different zones
- Area Suitable for Solar Installation

数据来源

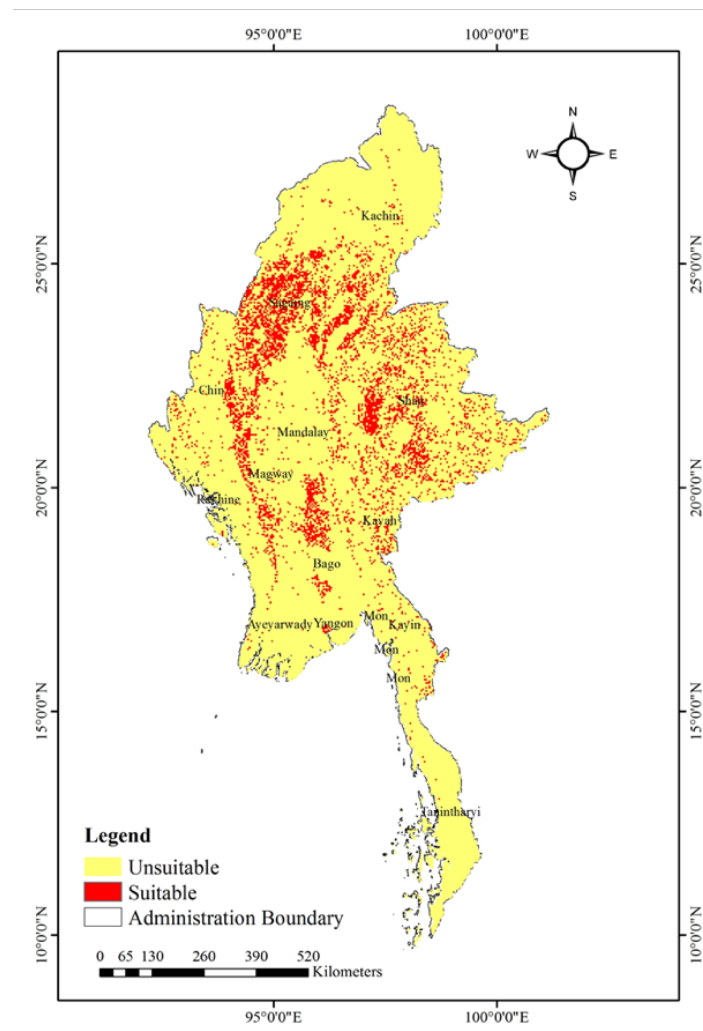
数据层	内容	资源	URL
行政边界地图	Myanmar States and Regions	Myanmar Information Management Unit (MIMU)	http://www.themimu.info/gis-resources-agency-maps
土地使用	300-meter, 2017	Asian Disaster Preparedness Center (ADPC)	https://rlcms-servir.adpc.net/en/landcover
土地倾斜度	90-meter digital elevation model, 2000, Space Shuttle Radar Topography Mission	USGS Earth Explorer	http://earthexplorer.usgs.gov/
保护区与敏感区域	WCS Myanmar	Protected Planet, UNEP-WCMC	https://myanmar.wcs.org/
太阳光照强度	Global Tilted Irradiation (GTI): irradiation for optimally tilted surface (kWh/m ²)	Global Solar Atlas, The World Bank Group	http://globalsolaratlas.info/
光伏能潜力	Amount of energy, converted by a PV system into electricity (kWh/kWp), based on local conditions	Global Solar Atlas, The World Bank Group	http://globalsolaratlas.info/

太阳能潜力数据

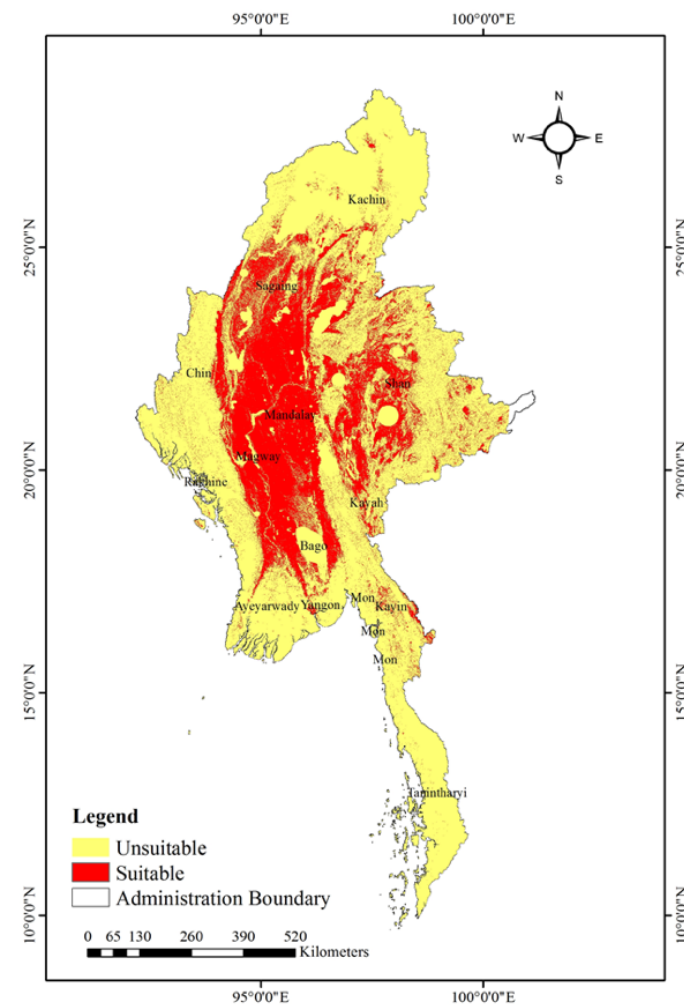


太阳能潜力，适宜安装光伏太阳能区域

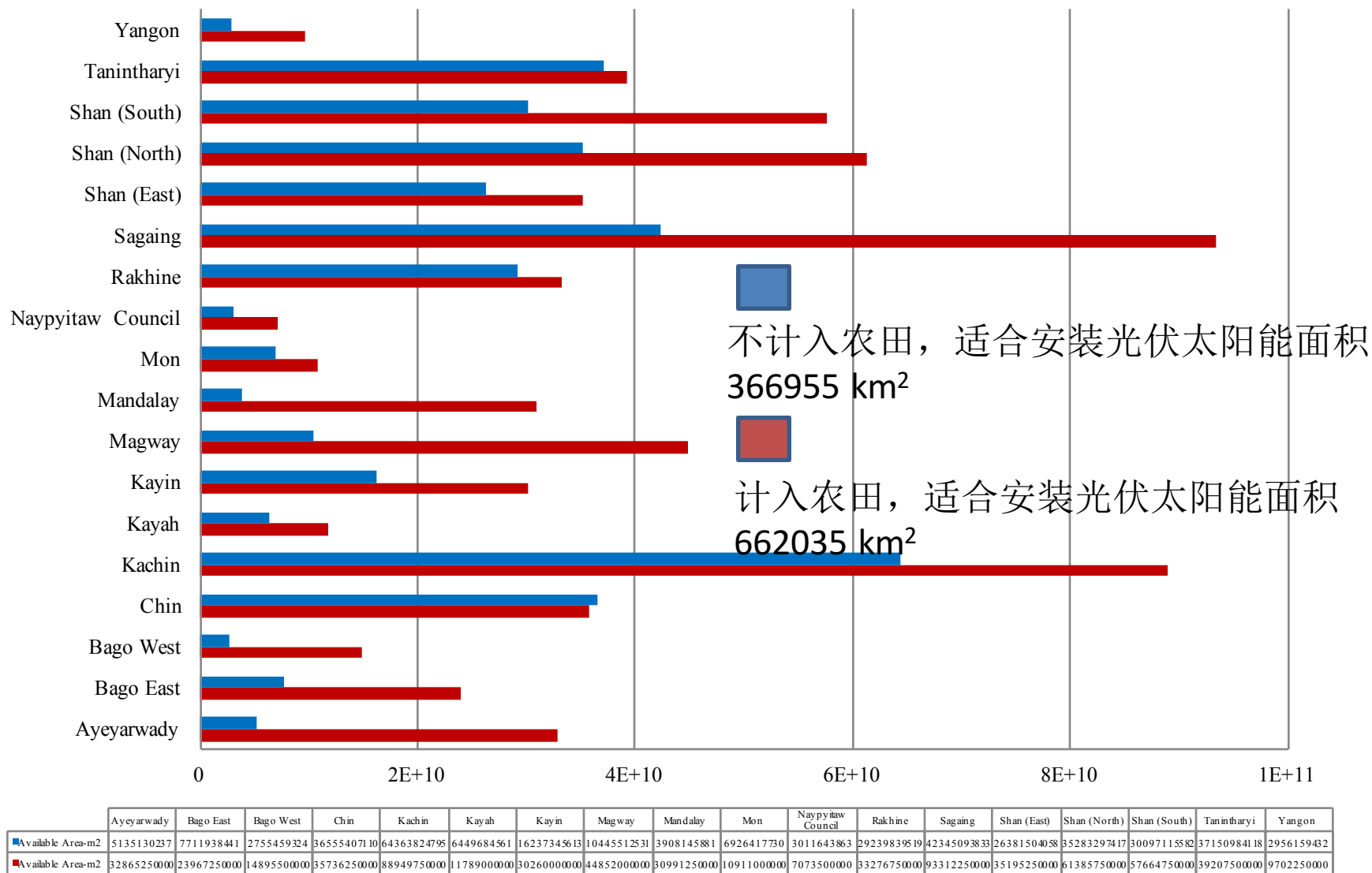
不计入农田



计入农田



太阳能潜力，适宜安装光伏太阳能区域



可再生能源工具
缅甸

谢谢！