Trails of National Parks in Taiwan

1. **Purpose:**

   Make the trail map of National Parks in Taiwan, which should be useful for hikers, campers, nature lovers and tourists. Furthermore, I think it can help rescuer know more detail about the trail and increase disaster relief efficiency.

2. **Data Source:**

   AllTrail Website –

   https://www.alltrails.com/taiwan/national-parks

#3 - Taroko National Park
Hualien, Taiwan
★★★★☆

Taroko National Park features the Taroko Gorge, a landmark of the park which was carved by Liwu River. This park was first called Tsugitaka-Taroko National Park due to Taiwan being apart ... Japan's Empire in the past however after World War II, China took over and renamed t Show more

#4 - Shoushan National Nature Park
Kaohsiung City, Taiwan
★★★★☆

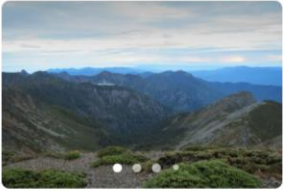Shoushan National Nature Park, encompasses one of the oldest ruins of civilization in Kaohsiung and is now under the National Environment Preservation Unit of Taiwan. Shoushan has had a... variety of names over the last years however the most commonly known one is Monki Show more

#5 - Shei-Pa National Park
Taichung City, Taiwan
★★★★☆

Located around the peaks of Hsuehshan and Dabajian Mountain, Shei-Pa National Park features a variety of mountain ecology, geology, rivers, and rare animal/plant species. This park is known... for Xueshan, which is the second tallest mountain in Taiwan at 3,886 meters. Make su Show more

#6 - Kenting National Park
Pingtung, Taiwan
★★★★☆

As Taiwan's oldest national park, Kenting National Park encompasses most of southern Taiwan island and Bashi channel. This park features a tropical weather, climate, and is known for its... scenic views of the mountains and beaches. During March, the Spring Scream rock ba Show more

3. **Data Processing:**
   Categorize the trails in 3 classes of difficulties, as easy, moderate, and hard. Since I can only get individual trail on the website, therefore, I'm going to do some geoprocessing to get the geodata that I need (e.g. some trails are categorized both in easy and moderate or moderate and hard, as I mentioned in my purpose I considered practicality more, therefore, if the trail is categorized in both easy and moderate, I'll put it in moderate and if the trail is categorized in both moderate and hard, I'll put it in hard. This process is really time consuming).

4. Font colors:

I decided easy trail as yellow route, moderate trail as orange route and hard trail as red route (as Figure1). Furthermore, the reason why I used 3 different orange colors in moderate route (as Figure2) and 2 different red colors in hard route (as Figure3) is because it made reader read the map easily. And of course, the ocean font color as blue as normal (as Figure4).
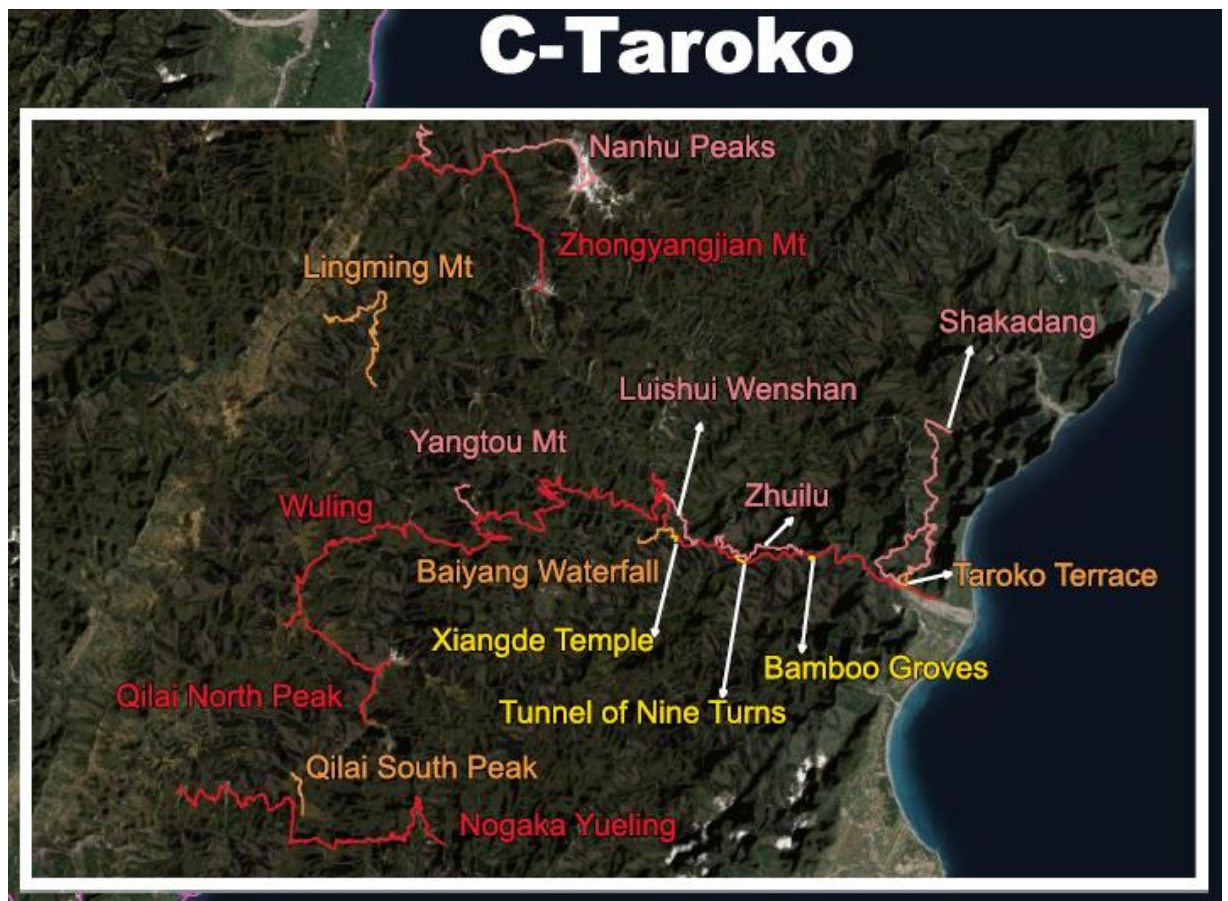

Figure1

Figure2

Figure3

Figure4

5. Maps at different scale:

I inserted 6 inset maps to show more detail about the trails in each national parks (as Figure5).
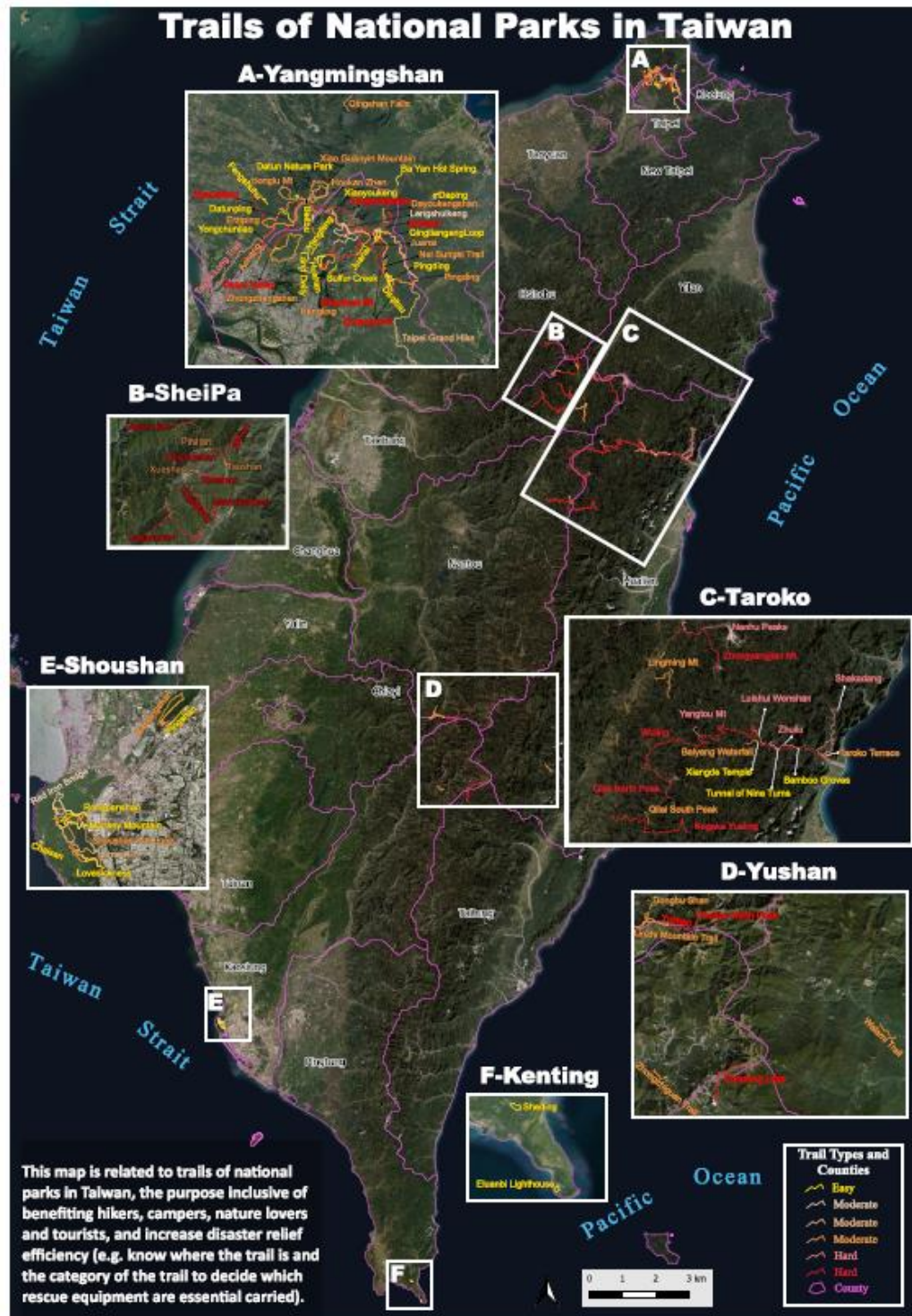

Figure5