## The bamboo usefulness in my life. 27 September 2025 Miss Chutikan Chao, Loei Rajabhat University

Bamboo is one of the most common plants. In my experience, bamboo has a wide range of uses in daily life.

In Taiwan, bamboo is often used in traditional crafts, such as weaving baskets, mats, and making furniture. Bamboo shoots are also a popular ingredient in many dishes, providing a fresh and crunchy taste. In addition, bamboo can help the environment by absorbing carbon dioxide and preventing soil erosion, which is very important in areas prone to flooding.

In Taiwan, I have seen Moso bamboo, which is tall and thick, and often used for furniture and decorative purposes. Moreover, bamboo has been used to make modern products such as bamboo fiber textiles, eco-friendly cups, and even bicycles. In some cultural festivals, bamboo poles are also used in traditional performances, which shows how bamboo is not only practical but also deeply connected to art and culture.

In Thailand, bamboo also plays an important role in daily life and culture. People use bamboo to make kitchen utensils, musical instruments, and even small houses in rural areas. A very common species in Thailand has yellowish stems and is widely used for construction and handicrafts. Bamboo weaving, such as baskets, fish traps, and mats, is still an important tradition in Thai villages. In addition, bamboo is often used in local festivals, for example, in decorations or temporary structures.

When comparing the two countries, Taiwan tends to focus more on bamboo's use in modern products and environmental sustainability, while Thailand emphasizes bamboo in traditional daily life and rural construction. Taiwanese bamboo species like Moso are larger and stronger, suitable for furniture or industrial products, while Thai bamboo species are lighter and more flexible, better for handicrafts and housing.

Looking into the future, bamboo may face challenges due to climate change. Changes in temperature and rainfall could affect bamboo growth and its distribution. However, because bamboo grows quickly and can adapt to different environments, it might also become an important sustainable resource. I believe that in the future, both Taiwan and Thailand will continue to develop innovative bamboo products, combining tradition with modern design. Bamboo may also become more important in global efforts to fight climate change, because of its ability to absorb carbon dioxide and restore degraded land.

Overall, bamboo is not only a versatile material for human use but also an important plant for environmental sustainability. My experiences in Taiwan and Thailand have shown me how bamboo contributes to both culture and daily life, making it a valuable resource that should be preserved and appreciated.