



The skyline of modern Singapore

# Engineering in the Malay Peninsula, Singapore and Borneo

26 April – 9 May 2022





The colourful streets of Malacca

From gleaming metropolises to colonial cities and the vast jungles of Borneo, this study tour cuts a broad swathe through Malaysia, Singapore and Borneo as it examines cutting edge civil and mechanical engineering, both contemporary and historic, in these regions. Along the way take part in wide-ranging specialist visits

that include a pewter factory, a tunnelling training academy, an advanced 4.0 facility, a cable manufacturer and Sarawak Pepper production, alongside cultural excursions reflecting the wonderful wildlife, culture and cuisine of the region. After the tour there is the opportunity to extend on the beaches of Sabah.

## Tour Leader

A chartered engineer, fellow of the Institution of Mechanical Engineers and a member of the National Society for Professional Engineers in the USA, **Michael Knight** spent the major part of his working life with an American chemical corporation. He was based in the USA for several years as a global project manager working on projects in Asia, Europe & North America. He returned to the UK in the role of global technology centre manager for the corporation and engineering manager of a COMAH site. After ten years in these roles he then spent five years as the corporation's global process engineering manager.

Since retirement Michael has lectured at the four main universities in South Wales. Michael is a past chairman of the IMechE South Wales

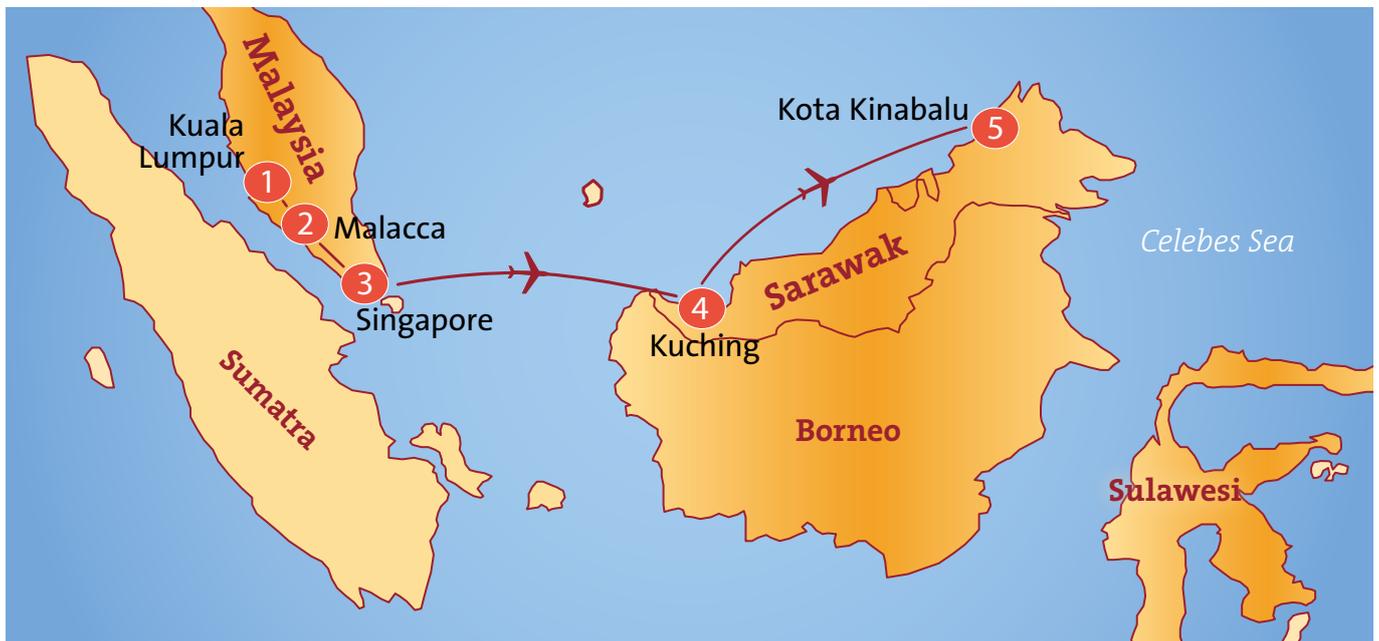


region, followed by several years as regional treasurer. He currently chairs company MPDS accreditations for the IMechE and is an interviewer for institution membership. Michael is an experienced tour leader who has led tours to India, China, South Africa and Japan.

Take the North Borneo Railway steam train



2 nights Kuala Lumpur – 2 nights Malacca – 3 nights Singapore  
– 3 nights Kuching – 3 nights Kota Kinabalu



## Day 1: Kuala Lumpur (Tue, 26 Apr) **D**

Am: Arrive KL and check into the hotel.  
Pm: At leisure before dinner at the hotel.

## Day 2: Kuala Lumpur (Wed, 27 Apr) **B D**

Am: Venture into the gleaming metropolis of Kuala Lumpur and explore the history of the city, which reflects its Malay, Chinese, Indian and British heritage.  
Pm: Visit the wonderfully named School of Hard Knocks to see traditional pewter manufacturing. Visit the Royal Selangor factory and learn about Royal Selangor's history as Malaysia's leading name in pewter products.  
Eve: Welcome dinner.

## Day 3: Kuala Lumpur / Malacca (Thur, 28 Apr) **B D**

Am: Visit the Tunnelling Training Academy, the world's first tunnelling school that has since inspired others. Since it was established in 2001, Malaysia's achievements in tunnelling and underground space development have been impressive. Partner option: visit the

excellent National Textile Museum.

Pm: Drive to Malacca and check into hotel.

## Day 4: Malacca (Fri, 29 Apr) **B L**

Am: Malacca was a trading entrepot and its heritage is reflected in the well-preserved Portuguese, Dutch and British architecture. Walk into the old town to see local crafts, including traditional Peranakan shoe making. Continue to St. Paul's Hill for a panoramic view of Malacca, the straits and the old town. See the Portuguese Fort de Santiago, the ruins of St. Paul's Church and Dutch Square and Chinatown, known for its antique shops.  
Pm: Enjoy a traditional Malacca lunch, a blend of Chinese, Malay and Portuguese flavours, and take a boat ride on the Malacca River.

## Day 5: Malacca / Singapore (Sat, 30 Apr) **B D**

Am: Morning at leisure in Malacca.  
Pm: Drive to Singapore and transfer to hotel.

## Day 6: Singapore (Sun, 1 May) **B L**

Am: Take a city tour that traces Singapore's history from its early days as a

fishing village, to colonial settlement, spearheaded by Thomas Stamford Bingley Raffles, acknowledged as the founder of modern Singapore, to the dynamic city of today. Visit the URA's Singapore City Gallery exhibit to see the city's plans for the future.

**Pm:** Visit the Marina Bay area and learn about Singapore's modern sustainable development with visits to Zero Energy Building, the Marina Barrage and the Flower Dome.

**Eve:** Optional Sky Tree son et lumiere show.

### **Day 7: Singapore (Mon, 2 May)** B

**Am:** Visit Singapore University of Technology and Design, including departments of Engineering Product Development; Engineering Systems and Design; Architecture and Sustainable Development; Information Systems Technology and Design.

**Pm:** Visit an advanced manufacturing facility that incorporates Industry 4.0, which optimises manufacturing processes through smart and autonomous systems with manufacturing initiatives such as Internet of Things (IOT), robotics and artificial intelligence (AI).

### **Day 8: Singapore / Kuching (Tue, 3 May)** B D

**Am:** Fly to Kuching and transfer to hotel.

**Pm:** Visit the excellent ethnographic museum to learn about the history of the peoples of north Borneo and of Sarawak. Visit Fort Margherita and hear about the 'White Rajahs' of Borneo.

### **Day 9: Kuching (Wed, 4 May)** B L D

**Am:** Drive to the Semenggoh Wildlife Centre to view semi-wild orangutans in a natural setting. This rehabilitation centre releases previously captive orangutans into the wild. Continue to Anah Rais longhouse and learn about the culture of the Land Dayaks.

**Pm:** Lunch at the village and return to the hotel.

**Eve:** Pre-dinner sunset cruise and drink.

### **Day 10: Kuching (Thur, 5 May)** B L

**Am:** From Bako village take a boat to spectacular Bako National Park. Keep watch for myriad wildlife including monkeys, wild boar, monitor lizards and many birds.

**Pm:** Buffet lunch in the park. On the way back visit the factory of Sarawak Cable, the largest cable manufacturer in Malaysia and the leading player in South East Asia. Partners may return directly to the hotel.

### **Day 11: Kuching / Kota Kinabalu (Fri, 6 May)** B D

**Am:** Visit Sarawak Produces Industries Company (SPIC), a leading supplier of Sarawak pepper, famed for its distinctive, earthy flavour. Learn how SPIC manufacture and package their Sarawak pepper products.

**Pm:** Fly to Kota Kinabalu in Sabah.

### **Day 12: Kota Kinabalu (Sat, 7 May)** B L

**Am:** Board the beautifully restored carriages of the North Borneo Railway, pulled by a magnificent Vulcan steam engine, past coastline, mangrove forest and rice fields.

**Pm:** Tiffin lunch on board. Disembark early afternoon.

### **Day 13: Kota Kinabalu (Sun, 8 May)** B D

**Am:** Go 'behind the scenes' at the rail maintenance yard and see how the railway is maintained.

**Pm:** At leisure.

**Eve:** Farewell dinner.

### **Day 14: Kota Kinabalu (Mon, 9 May)** B

**Am:** Depart Kota Kinabalu or take a beach extension.

*"Michael Knight did an excellent job, as usual."*

Brian Robinson, Engineering in South Africa, 2018



Clarke Quay, Singapore

## Hotels

### **EQ Hotel (Kuala Lumpur)**

This new stylish 5-star hotel is centrally located in Kuala Lumpur's Golden Triangle. It is also Green Building Index (GBI) Gold-certified, making it among the most energy and resource-efficient buildings in the city, as well as having world class amenities and service.

### **Puri Malacca Hotel (Malacca)**

This is a charming 3-star boutique hotel in the heart of the old city of Malacca. The hotel is a carefully restored Peranakan house which retains its beautiful and intricately decorated façade and décor. The rooms are a mix of traditional touches and modern amenities.

### **Swissotel Merchant Court (Singapore)**

This comfortable and well equipped 4-star hotel is ideally located by Clarke Quay. It has good modern amenities and excellent, warm customer service.

### **Ranee Hotel (Kuching, Sarawak)**

Overlooking Sarawak River, this elegant centrally located hotel in two converted 19th-century shop houses has a period feel - the lobby and restaurant are dressed with antiques and

vintage finds including old suitcases, local textiles, tiffin tins, a large cannon and a bicycle.

### **Kota Kinabalu Hilton Shona (Kota Kinabalu)**

This Hilton property has a prime location in the heart of the business district and is attractively decorated with excellent amenities, including a rooftop swimming pool with a sweeping view of the city. It provides the stylish rooms and amenities expected of Hilton, as well as outstanding and warm customer service.

*“All hotels were excellent.”*

John and Fiona Sedgwick, Heritage Tour  
Borneo and Malaysia, September 2019



Gibbons in Bako National Park



Tunnel boring machine in Kuala Lumpur (top); Kuching riverfront; The world's largest pewter mug at Royal Selangor; Visit Anah Rais longhouse, Sarawak (above)

**Tour cost: US \$4,617 per person sharing**  
**(excluding international flights and transfers)**

**The cost includes:**

- The services of a tour leader (Michael Knight)
- 13 nights' accommodation in twin-bedded rooms with private facilities in medium grade and first class hotels

**Single supplement: US \$815**

- Breakfast and lunch or dinner daily
- All admission fees
- Services of an English-speaking national guides
- All transport services and taxes
- Internal flights
- All tips

**The cost excludes:**

- Meals not mentioned and drinks with meals
- All optional excursions, tours and visits
- Travel insurance
- Visa (if required)

**All itineraries are subject to change according to local conditions.**



Rhinoceros hornbill

## About Us

To travel with us is to dig below the surface, revealing the deeper destination. Of course, you will visit the great historical sites; marvel at the wonders of architecture and engineering; be moved by the riches of culture and art; and experience the most spectacular landscapes in the world. What we also do is make sure that you see the country as it is today, giving you privileged access that independent travel and other tour companies rarely get close to. We give you a variety of experiences, from the sublime to the humble, in the company of intelligent, curious, like-minded people. And while we can be worthy, we also make sure that you have a lot of fun.

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A market in Kuala Lumpur (top); Gardens by the Bay in Singapore;  
An orangutan in Semenggoh, Sarawak;  
Visit beautiful Bako National Park (above)



Jon Baines  
tours

