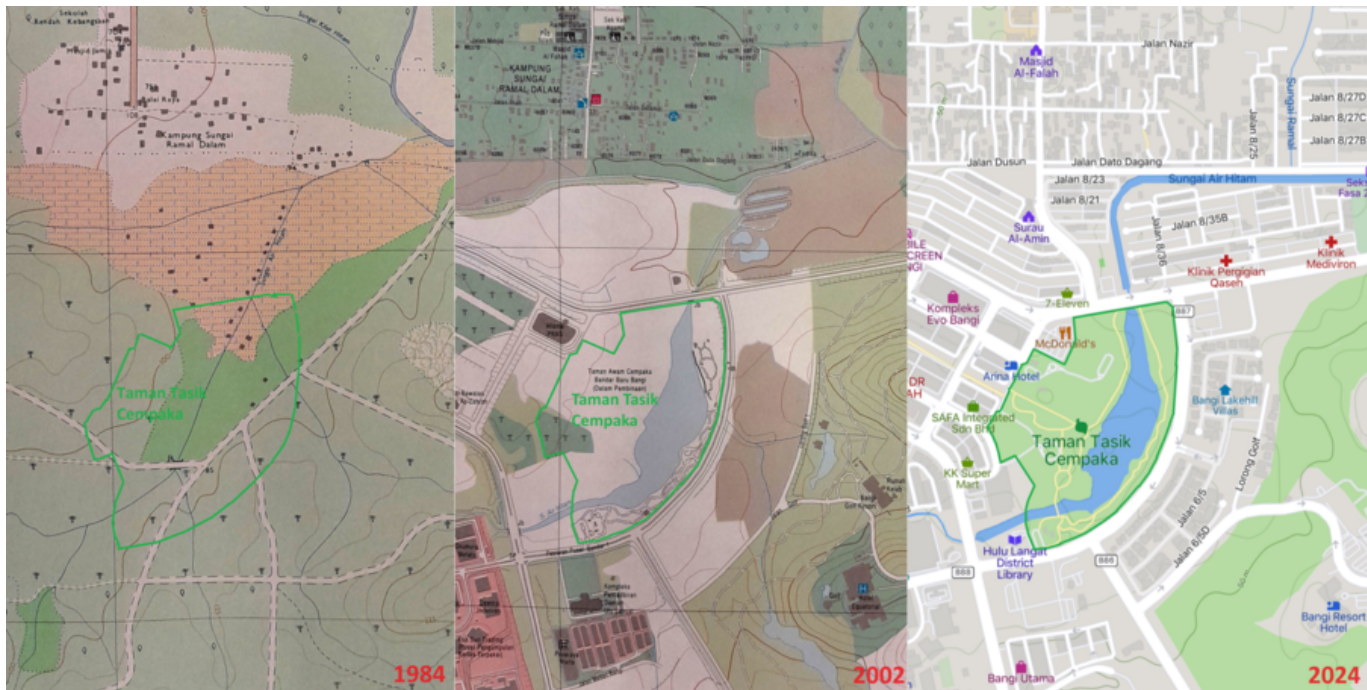


# Taman Tasik Cempaka (1997-2003)



Asalnya, Taman Tasik Cempaka (TTC) Bandar Baru Bangi (BBB) adalah sebahagian lembangan Sungai Air Hitam (anak Sungai Ramal), di antara kawasan sawah padi Kampung Sungai Ramal Dalam di sebelah utara (Seksyen 8 BBB kini), dengan West Country Estate di selatan. Ketika BBB pesat membangun mulai pertengahan 1990-an, beberapa pemaju mengusulkan cadangan untuk membina pusat komersil (termasuk hotel) di kawasan ini. Sementara itu, beberapa wakil masyarakat setempat mendesak agar dibina tasik rekreasi serta kolam takungan. Mujurnya, Perbadanan Kemajuan Negeri Selangor (PKNS) ketika itu menyebelahi pihak masyarakat. Perancangan dimulakan oleh kerajaan negeri dan Jabatan Landskap Negara pada tahun 1997, mula dibina pada tahun 1999, dan siap pada tahun 2001 (Fasa 1), 2003 (Fasa 2), dan 2008 (Fasa 3).



Peta sekitar Taman Tasik Cempaka: 1984 (secara kasar), 2002, dan 2024 (Pengarah Pemetaan Negara Malaysia, 1984:

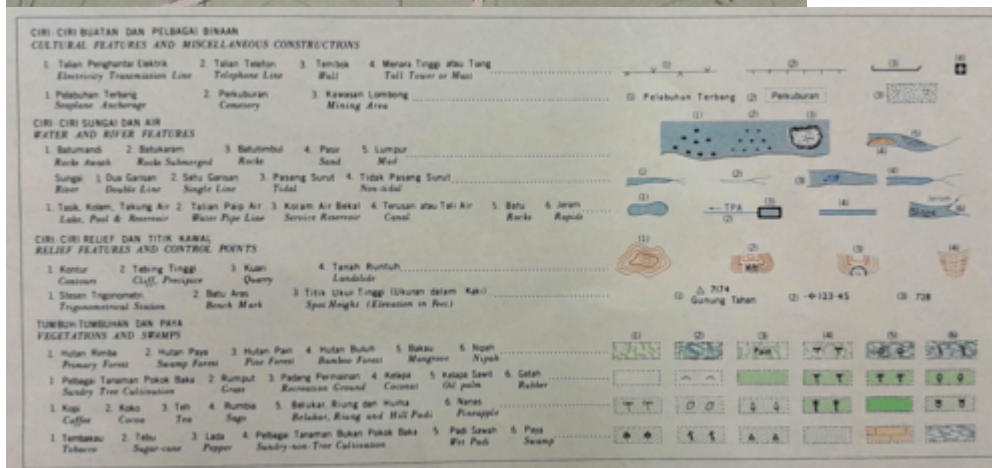
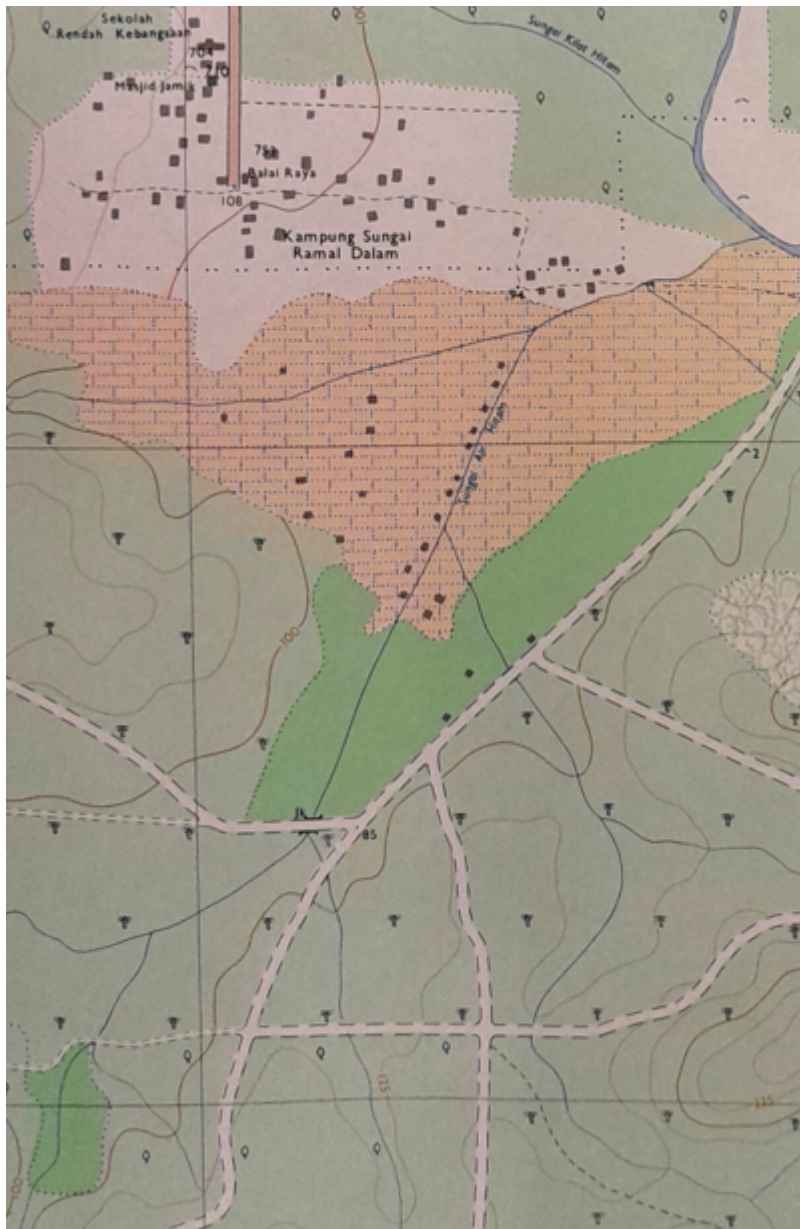
Peta: Bandar Baharu Bangi, Selangor; Pengarah Pemetaan Negara Malaysia, 2002:

"Bandar Baru Bangi: peta L808 Lembar 44 2002"; Mapcarta, 2024).

# Kronologi

## 1980-an: Keadaan Asal

Sekitar 1980-an, kawasan Taman Tasik Cempaka ketika itu adalah sekitar tebing Sungai Air Hitam (anak Sungai Ramal), ketika itu sebahagian kawasan sawah padi Kampung Sungai Ramal Dalam di sebelah utara, serta sebahagian belukar dan ladang West Country Estate di sebelah selatan.



Sebahagian peta Bandar Baru Bangi, tahun 1984 (Pengarah Pemetaan Negara Malaysia, 1984:

Peta: Bandar Baharu Bangi, Selangor).

## 1990-an: Pembangunan

Mulai awal tahun 1990-an, kawasan sekitarnya mula dibangunkan:-

- [1992-01-01: Pembukaan Pejabat Daerah di Bangi](#)
- [1994: Pembukaan Bangi Golf Resort](#)
- 1994-1995: Pembinaan Jalan Sungai Ramal - Bandar Baru Bangi
- [1996-1998: Pembukaan Taman Industri Selaman](#)
- 1997-05-12: Pembukaan Hotel Equatorial (kini Bangi Resort Hotel)
- 1997-12-25: Pembukaan Warta Bangi Utama (kini KIPMall Bangi)
- 1998: Masjid Al-Hasanah siap dibina

## 1997: Perancangan

*"Bandar Baru Bangi, located in the State of Selangor, Peninsular Malaysia is a relatively new township. It was developed in stages, beginning in 1977. The area used to be a rubber plantation and secondary forests that were gradually cleared to make way for urban settlements. In the early years, there was no place in the area for its inhabitants to indulge in recreational activities. The city grew very rapidly with the establishments of industrial zones, academic and research institutions, the country's new airport (KLIA), as well as the new administrative centre (Putrajaya), all within 10 to 40 kilometres of the city centre.*

*At the centre of the designated city, there is a stretch of barren lowland constantly covered by water generated from the rain that made up a small river way, named Air Hitam river, that connected to the main Ulu Langat river. The site is strategically located, as it lies adjacent to the downtown area. This impelled many private entities to propose various commercial-based development ventures on the site, including a large scale hotel facility. Since there were no nature parks within the city, while new residential areas were expanding rapidly, federal and state government authorities were under increasing pressure from public representatives to upgrade the small stream into a water retention and recreational lake area and they did just that in early 1997. Initially, the main aim was to provide river and lake-based recreational activities for the city inhabitants, as well as to create a natural ecological zone, thereby attracting wildlife to the area (survived information from Mohd Fadrillah Taib of the National Landscape Department, principal designer of the site).*

*The National Landscape Department and the state government further agreed to develop the area on both sides of the water retention lake to incorporate various recreational services to meet the needs and preferences of the various residents of Bandar Baru Bangi and its vicinity. Based on surveyed information provided by the principal designer of the site (Mohd Fadrillah Taib), the aim of expanding the site was the provision of social and ecological services. The social aim was to facilitate sport and family-based leisure activities for the local populace, while the ecological aim was to draw more floras and faunas into the area. An implicit but important intention in expanding the recreational site area was to send a clear signal to the public that the area had been well designated for a nature-based recreational facility and shall not be considered for alternative uses.*

(Sumber: Jamal Othman, Yaghoob Jafari, Sustainability 2019, 11(11), 3023:

|  
"Economic Valuation of an Urban Lake Recreational Park: Case of Taman Tasik Cempaka in Bandar Baru Bangi, Malaysia").

## 1999: Pembinaan

*"Bandar Baru Bangi is bent on being known as a 'Garden City'. To make this a reality, the Selangor Development Corporation is building a 16.8-hectare lake garden to be situated the Section 9 commercial centre. A six-hectare lake is to be created near Sungai Air Hitam and its banks at a cost of RM6 million. It is in the final stage of construction. The public park of about 10.8 hectares will be developed by the National Landscape Department at a cost of about RM3 million. To enhance Bangi's reputation as a 'University Town', the lake gardens will have a public library built on the grounds to encourage more people to use the park as place to do some reading. The lake garden will be the first comprehensive public park in the township with the planting of local fragrant flowers such as cempaka as well as various species of trees. A clock tower and a Bangi Square for public gathering and other facilities will also be built. According to PKNS Bangi development controller Raihani Sulaiman, the public park, to be named Taman Awam Tasik Cempaka, is set to become a premier recreational spot for the more than 100,000 residents in the township, as well as nearby areas. She said the lake garden would enhance the status of the township. Bangi has two universities - Universiti Kebangsaan Malaysia (UKM) and Universiti Tenaga Nasional (Uniten) - and two colleges - Ikram College and Maktab Perguruan Islam. 'The artificial lake will also be a water retention pond for the township, besides being a recreation area,' Raihani said. 'The lake surrounds the town centre, facing the Hulu Langat District Offices Complex, the Bangi Golf Resort, Bangi Utama Business Park, and the PKNS Complex.' She added that the garden would be one of the biggest lake gardens in any township in the country. The lake will have special cooling effect to the surrounding areas. Raihani stressed that although the land price in the Section 9 commercial centre was expensive, the corporation felt the sentimental value for the environment was more important. The park can be a regulator to city life as well as maintain the good name of Bandar Baru Bangi as a garden city. Among the recreational facilities to be provided at the park are fountains, a bird viewing tower, a boathouse, waterfront restaurant, children's play ground and a football field. A fish observation platform also will be built for children to look at the various species of fish being reared in the lake. There will also be basic facilities such as public toilets, police posts and prayer rooms. There will be a Plaza Cempaka to sell handicraft and a food court."*



Pelan konsep taman: "Concept plan ... of the Cempaka Public Lake Garden, Bandar Baru Bangi"



**WORK IN PROGRESS ... to level the river bed of Sungai Air Hitam and developed it into a lake garden.**



**Kiri:** Taman Tasik Cempaka ketika dalam pembinaan. Gambar mungkin diambil di jambatan Sungai Air Hitam, Persiaran Bangi, menghadap ke selatan: *“Work in progress ... to level the river bed of Sungai Air Hitam and developed it into a lake garden.”*

**Kanan** Taman Tasik Cempaka kini, kemungkinan di lokasi yang sama (21 September 2024).

(Sumber: L.H. Lim @ New Straits Times, 9 Jun 1999:

"Boost to 'garden city' reputation for Bangi").

## 2000: Pewartaan

**Diwartakan sebagai taman rekreasi oleh PKNS pada tahun 2000:** *“Taman Tasik Cempaka is a famous recreational park among Bandar Baru Bangi residents. This park was gazetted as a recreational park in year 2000 by Perbadanan Kemajuan Negeri Selangor (PKNS) under the township development project. The park covers an area of 16.8 hectares which 6 hectares is reserved for manmade lake development project. The main objective of development of this park is mainly for social activities for residents either from Bandar Baru Bangi or nearby districts. According to Kajang Municipal Council (MPKj), total development cost estimated for this park is RM6 million. Simultaneously, National Landscape Department (NLD) was approved with an additional budget worth RM3 million for creating*

*an attractive landscape. Overall, the total cost for developing this park is worth RM9 million. The park maintenance is managed by MPKj. The park has a habitat of 20 species of flower plants including bunga Cempaka where this park's name was inspired from. All the trees planted in the park are served primarily for ornamental landscaping purpose.*" (Mohd Syauqi Nazmi, Muhammad Taufiqurrahman Ramli dan Nik Nor Rahimah Nik Ab Rahim @ Economic and Technology Management Review, Vol 12 (2017):

|  
"The economic valuation of environmental resources in Malaysia: A case study of Taman Tasik Cempaka in Bandar Baru Bangi", m.s.30).

*"A RM500,000 allocation has been set aside for the Kajang Municipal Council to fund more social development projects under its 2001 Budget. Council secretary Abdul Rani Mat Jali said the council would be spending on activities for youth, sports and recreation. ... Under the special allocation for new parks from the National Landscape Department, he said the council was developing the riverbank reserve land of Sungai Air Hitam in front of the Hulu Langat District Office complex in Bandar Baru Bangi. This will cater for residents of Bandar Baru Bangi, as well as those from other parts of the municipality. Abdul Rani said with the co-operation from the developer of Bandar Baru Bangi, the Selangor State Development Corporation, Sungai Air Hitam had been turned into a recreational lake with jogging tracks along its banks. The lake area also boasted a playground, fishing ponds, resting areas and picnic grounds, Abdul Rani added. The Kajang council also has an extra allocation for the management of the town park and lake garden once they are completed next year."*



*NEW RECREATIONAL AREA ... Sungai Air Hitam in Bandar Baru Bangi to become a lake garden.*



**Kiri:** Taman Tasik Cempaka dalam keadaan hampir siap. Gambar diambil berhampiran ruang pameran plak sejarah di tebing sebelah timur, menghadap ke arah utara: *“New recreational area ... Sungai Air Hitam in Bandar Baru Bangi to become a lake garden.”*

**Kanan:** Lokasi yang sama, kini (2024).

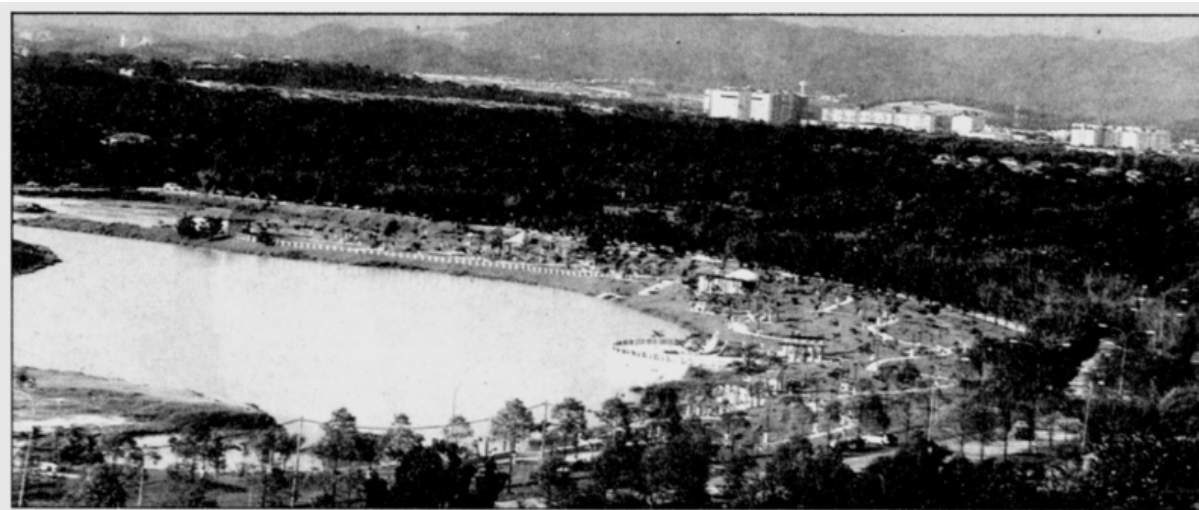
(Sumber: L.H. Lim @ New Straits Times, 23 September 2000:

"Kajang to focus on social development").

## 2001: Fasa Pertama Siap

Fasa pertama Taman Tasik Cempaka di sebelah timur sepanjang Persiaran Pusat Bandar 1, siap dibina pada tahun 2001.

*“The corporation's (PKNS) Bandar Baru Bangi development controller Raihani Sulaiman said besides the completed Taman Cempaka lake garden at Section 9, another massive landscape project would be carried out along the one-kilometre stretch of the Sungai Ramal riverbank that cuts through Section 7 of the township. ... The second phase will be carried out with the National Landscape Department and Kajang Municipal Council. It will include a public library, hawker centre and beautification work on the Sungai Air Hitam riverbank nearest the PKNS Complex.”*



*AERIAL VIEW  
... first phase of  
Taman  
Cempaka lake  
garden, the first  
public park in  
Bandar Baru  
Bangi.*

Gambar sebahagian Taman Tasik Cempaka (fasa pertama), iaitu sepanjang Persiaran Pusat Bandar 1 di sebelah timur, diambil dari udara: *"Aerial view ... first phase of Taman Cempaka lake garden, the first public park in Bandar Baru Bangi."*



Gambar Taman Tasik Cempaka menghadap Persiaran Pusat Bandar 1 di sebelah timur, diambil dari udara, kini (alanz1201, 10 Oktober 2022: ["Fly at Taman Tasik Cempaka | DJI Mini 2"](#), minit 4:35).



*SCENIC ... the town square at the Taman Cempaka lake garden in Bandar Baru Bangi is great for holding activities and strolls in the evenings.*



**Kiri:** Gambar ruang legar “town square” di tebing timur Taman Tasik Cempaka (di sebelah Persiaran Pusat Bandar 1): *“Scenic ... the town square at the Taman Cempaka lake garden in Bandar Baru Bangi is great for holding activities and strolls in the evenings.”*

**Kanan:** Gambar lokasi yang sama, kini (2024).

(Sumber: L.H. Lim @ New Straits Times, 17 Disember 2021:

"More parks for Bangi").

|



Salah satu landskap yang terdapat di Tasik Cempaka



**Kiri:** Binaan jam dan plak sejarah di ruang legar di tebing sebelah timur (2002): *“Salah satu landskap yang terdapat di Tasik Cempaka”*.

**Kanan:** Binaan yang sama (6 September 2009)





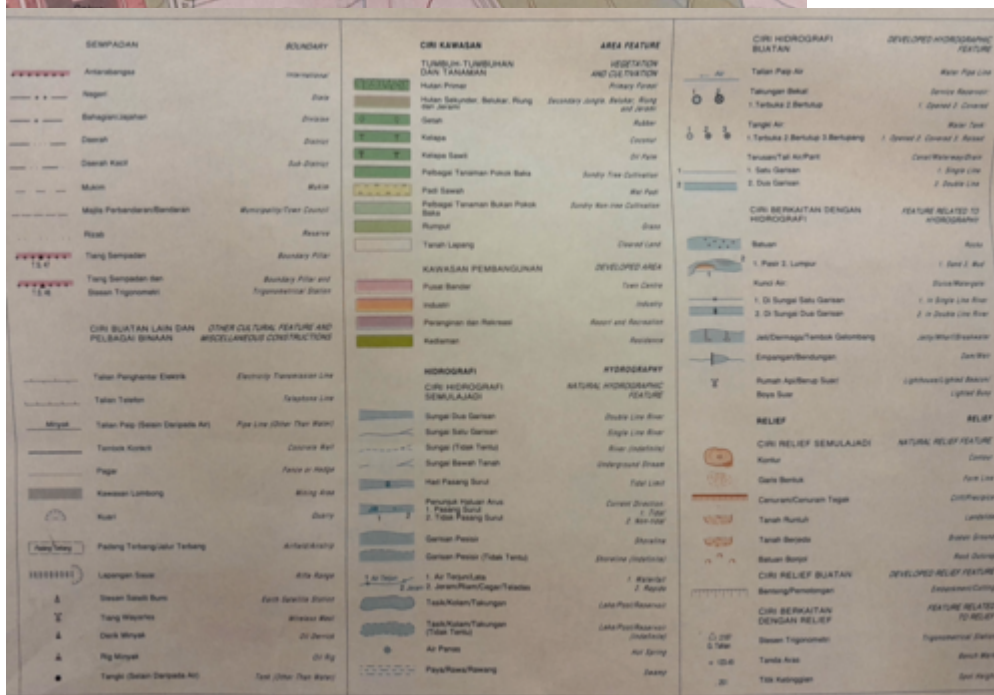
**Kiri:** Binaan yang sama (2 September 2012).

**Kanan:** Binaan yang sama (18 November 2012) (Mahmud Zuhi Abdullah @ Flickr, 18 November 2012: "[Taman Tasik Cempaka, Bangi](#)").



Binaan yang sama kini. Jam dan plak sejarah tidak kelihatan lagi (2024).

(Sumber: Mohd. Mustakim Ramli @ Nadi Bangi, Januari 2002: "[Taman Tasik Cempaka: Pusat riadah warga Bandar Baru Bangi](#)").



Peta sekitar Taman Tasik Cempaka, 2002. Ketika ini ia ditandakan sebagai masih dalam pembinaan (Pengarah Pemetaan Negara Malaysia, 2002):

"Bandar Baru Bangi: peta L808 Lembar 44 2002").

## 2003: Fasa Kedua Siap

Fasa kedua Taman Tasik Cempaka yang menelan belanja sebanyak RM3.9 juta, siap dibina pada tahun 2003. Ia dihubungkan dengan Fasa satu oleh jambatan. Antara yang tersedia ialah kemudahan meletak kenderaan, pondok-pondok rehat, tempat mainan kanak-kanak (sebelah timur), tandas, pavilion, binaan jam, ruang pameran plak-plak sejarah daerah-daerah Selangor, dan gelanggang luncur (skateboard).

Menurut catatan Nadi Bangi pada tahun 2002 (ketika itu Fasa 2 masih belum siap sepenuhnya):  
*"Salah satu taman rekreasi di daerah Hulu Langat, khususnya di Bandar Baru Bangi ialah di Taman Tasik Cempaka. Taman yang bernilai lebih RM2 juta ini menyediakan pelbagai kemudahan kepada para pengunjung seperti kemudahan meletak kenderaan, pondok-pondok rehat, tempat mainan kanak-kanak, tandas dan pavilion. Sejarar dengan matlamatnya untuk memberi keselesaan kepada pengunjung taman ini sentiasa dijaga kebersihannya oleh petugas yang disediakan. Berita gembira untuk kaki-kaki pancing bahawa taman ini mempunyai sebuah tasik yang mempunyai ikan dari pelbagai jenis yang menanti kedatangan anda. Sambil memancing mereka juga boleh menenangkan fikiran dan melihat keindahan taman ini. Terdapat satu ruang yang disediakan untuk remaja bermain skate-board. Dengan ini ibu bapa mereka tidak perlu bimbang keterlibatan anak-anak mereka dalam gejala yang tidak sihat. Taman ini telah dihiasi dengan pokok-pokok yang menghijau dan lampu-lampu yang menambahkan lagi keindahan terutama pada waktu malam. Di sini juga telah dibina plak-plak yang menerangkan asal-usul tempat-tempat di negeri ini. Ini secara tidak langsung akan menambahkan pengetahuan kepada para pengunjung. Terdapat sebuah binaan yang menempatkan sebuah jam besar yang akan berbunyi setiap setengah jam. Dengan adanya jam tersebut ia dapat menambahkan lagi keunikan taman ini. Paling menarik taman ini menyediakan satu tempat senaman kaki yang terdiri daripada batu-batu pelbagai saiz. Untuk melancarkan peredaran darah pengunjung bolehlah berjalan dengan memijak batu-batu ini. Hari minggu adalah hari pilihan kebanyakan pengunjung. Jadi tidak hairanlah jika pada hari tu kelihatan seolah-olah ada pesta di Taman Tasik Cempaka."*

*"Phase Two of Tasik Chempaka in Bandar Baru Bangi, Selangor was completed and opened to the public recently. The project, costing about RM3.9 million, is linked to Phase One by a beautiful concrete bridge. The lake garden project was funded by the National Landscape Department and will be managed by Kajang Municipal Council (MPKj) with land and river beautification works provided by Selangor State Development Corporation (PKNS). During the recent Bangi Department Day celebration, PKNS Bangi development controller Raihani Sulaiman said the lake garden, which also included the banks of Sungai Ayer Hitam next to the PKNS Bangi Complex, covered a total area about 10ha. With completion of Phase Two, she said, the whole river basin of Sungai Ayer Hitam had been fully converted into a lake garden to provide comprehensive recreational facilities such as a jogging track, skating rink, cafeteria, lake view rest huts, rest tunnel, open air amphitheatre, and open space for group activities. A unique feature of the lake is the four-kilometre jogging track that goes around the garden, taking joggers through several beautiful landscaped areas on both sides of the river. 'The lake garden is the fulfillment of the promise made by the PKNS in developing Bandar Baru Bangi into a university town,' Raihani said. 'PKNS has also allocated funds for the widening and beautification of part of the river by turning it into a water retention cum recreational lake covering over four hectares in total.' PKNS has also allocated funds for the widening and beautification of part of the river by turning it into a water retention cum recreational lake covering over four hectares in total.' PKNS had also allocated land for the building of a new library, just beside the lake garden, by the Selangor*

Public Library Department."



**EXTREME GAMES:** Skating rink for teenagers to enjoy.



**Kiri:** Gelanggang luncur (2003): *"Extreme games: Skating rink for teenagers to enjoy."*

**Kanan:** Gelanggang luncur dari sudut berbeza (18 Januari 2011) (thisismirul @ Flickr, 2011-2014: "Hafiz | 50-50 Grind; Location: Taman Tasik Cempaka, Bandar Baru Bangi, Selangor, Malaysia.").



Rakaman aksi di gelanggang luncur (The Journey Since 1986, 28 Jul 2018: "[Redbull - skate park tasik cempaka bangi](#)"; "[Kecik Firman kicking at mini ramp skate park Tasik Cempaka Bangi \(otai masih berbisa\)](#)").



**Kiri:** Gelanggang luncur (2018): "Aerial view of the skatepark at Taman Tasik Cempaka, Bandar Baru Bangi in collaboration with [iBangi.my](#) online community. Location: 2°57'32.1"N 101°45'27.9"E" (Amirul Zaidun, 12 Jun 2018: "[Skatepark Taman Tasik Cempaka | Bandar Baru Bangi](#)").

**Kanan:** Gelanggang luncur (2018) dari udara. Kelihatan salah satu landasan kecil telah tiada (Amirul Zaidun, 12 Jun 2018: "[Skatepark Taman Tasik Cempaka | Bandar Baru Bangi](#)").



Gelanggang luncur kini. Tiada lagi landasan luncur (2024).



**UNIQUE:** Open court for group activities with a rest tunnel (right).



**Kiri:** Ruang legar di tebing sebelah barat. Kelihatan beberapa ruang istirahat (2003): *“Unique: Open court for group activities with a rest tunnel (right).”*

**Kanan:** Lokasi yang sama, dari sudut bertentangan (26 April 2009) (Maisurah @ Flickr, 26 April 2009: ["taman tasik cempaka \(activities area\)"](#)).



Ruang legar yang sama, kini (2024).



**INTERESTING:** Part of the park decorated with a unique sculptured wall.



**Kiri:** Kawasan dinding berhias arca (2023): *"Interesting: Part of the park decorated with a unique sculptured wall."*

**Kanan:** Kawasan dinding berhias arca, kini (2024).



SCENIC: Rest huts for visitors to enjoy the river view and landscaped garden at the other side of Tasik Chempaka.



**Kiri:** Sekitar pondok istirahat di ruang legar, di tebing sebelah barat (2003): *“Scenic: Rest huts for visitors to enjoy the river view and landscaped garden at the other side of Tasik Chempaka.”*

**Kanan:** Sekitar pondok istirahat, menghadap ke timur (11 Julai 2004)



Sekitar pondok istirahat yang sama, kini (2024).



**NEW FACILITY:** The public library (left) beside Tasik Cempaka on the banks of Sungai Ayer Hitam.



**Kiri:** Sekitar perpustakaan awam di sebelah selatan tasik. Gambar mungkin diambil dari atas jambatan (2003): *“New facility: The public library (left) beside Tasik Chempaka on the banks of Sungai Ayer Hitam.”*

**Kanan:** Lokasi yang sama kini (2024).



DINING AREA: The new food court at the park.



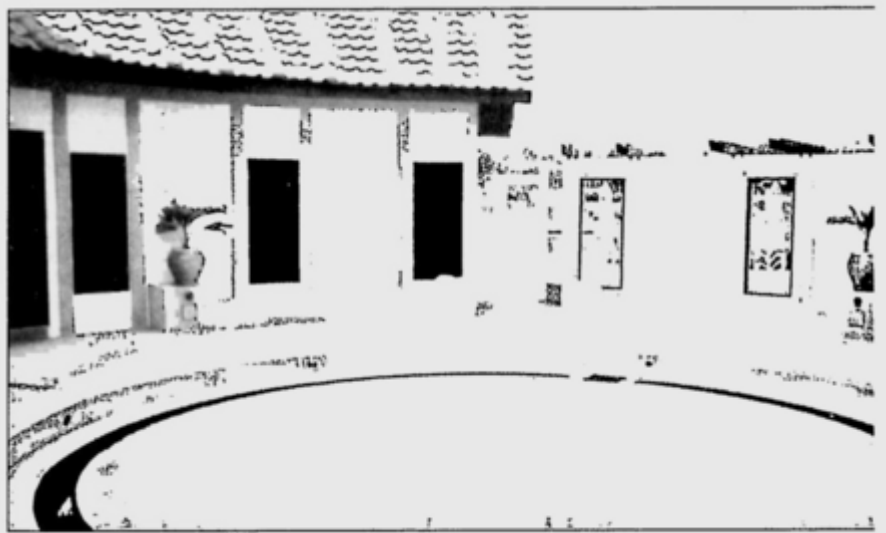
**Kiri:** Di jambatan, menghadap bangunan kafeteria di sebelah utaranya (2003): *“Dining area: The new food court at the park.”*

**Kanan:** Sekitar lokasi yang sama (2004).



**Kiri:** Sekitar lokasi yang sama, 18 November 2012 (Mahmud Zuhi Abdullah @ Flickr, 18 November 2012: "[Taman Tasik Cempaka, Bangi](#)").

**Kanan:** Lokasi yang sama, kini (2024).



**SPACIOUS:** The food court has an open air courtyard



**Kiri:** Di hadapan kafeteria (2003): *“Spacious: The food court has an open air courtyard.”*

**Kanan:** Di hadapan kafeteria, diambil dari jauh (2005).



Di hadapan kafeteria kini (2024).



**PLEASANT SURROUNDING:** Rest areas landscaped with flowering plants.



**Kiri:** Ruang rehat di antara ruang legar dan kafeteria (2003): "*Pleasant surrounding: Rest areas landscaped with flowering plants.*"

**Kanan:** Sekitar ruang yang sama (26 April 2009) (Maisurah @ Flickr, 26 April 2009: "[taman tasik cempaka \(cempaka lake park\)](#)").



**Kiri:** Sekitar ruang yang sama (9 September 2012).

**Kanan:** Ruang yang sama kini. Atap pondok telah tiada (2024).

(Sumber: L.H. Lim @ New Straits Times, 1 Julai 2003:

"Bangi lake garden as promised").

## 2008: Fasa Ketiga Siap



Gambar satu sudut Taman Tasik Cempaka, menjelang siapnya fasa ketiga projek: *"Taman Tasik Cempaka in Bandar Baru Bangi, Selangor, Malaysia, against the backdrop of retail and commercial buildings."* (Azreey @ Wikimedia, 25 December 2007: "[File:BBB-Taman Tasik Cempaka.JPG](#)").

*"Program Pembangunan Taman Awam Baru adalah merupakan program utama JLN. Program ini dirancang, dilaksanakan dan dibiayai oleh JLN. Program yang dibangunkan di kawasan PBT di seluruh negara ini dilaksanakan bagi memenuhi keperluan rekreasi dan pembangunan sosial masyarakat. Antara taman awam baru yang berjaya disiapkan pada 2008 adalah Taman Awam Merdeka (Fasa II), Johor; Taman Awam Teluk Batik (Fasa III), Lumut, Perak; Taman Awam Likas, Kota Kinabalu, Sabah dan Taman Tasik Cempaka (Fasa III), Bandar Baru Bangi, Selangor."*



*"Taman Tasik Cempaka (Fasa III), Bandar Baru Bangi, Selangor"*

(Sumber: Kementerian Perumahan dan Kerajaan Tempatan, 2009:

"Laporan Tahunan KPKT 2008", m.s.80-81).

### Gambar-Gambar 2008-2009



Sumber-gambar-gambar: Maisurah @ Flickr, 2009: "Maisurah".





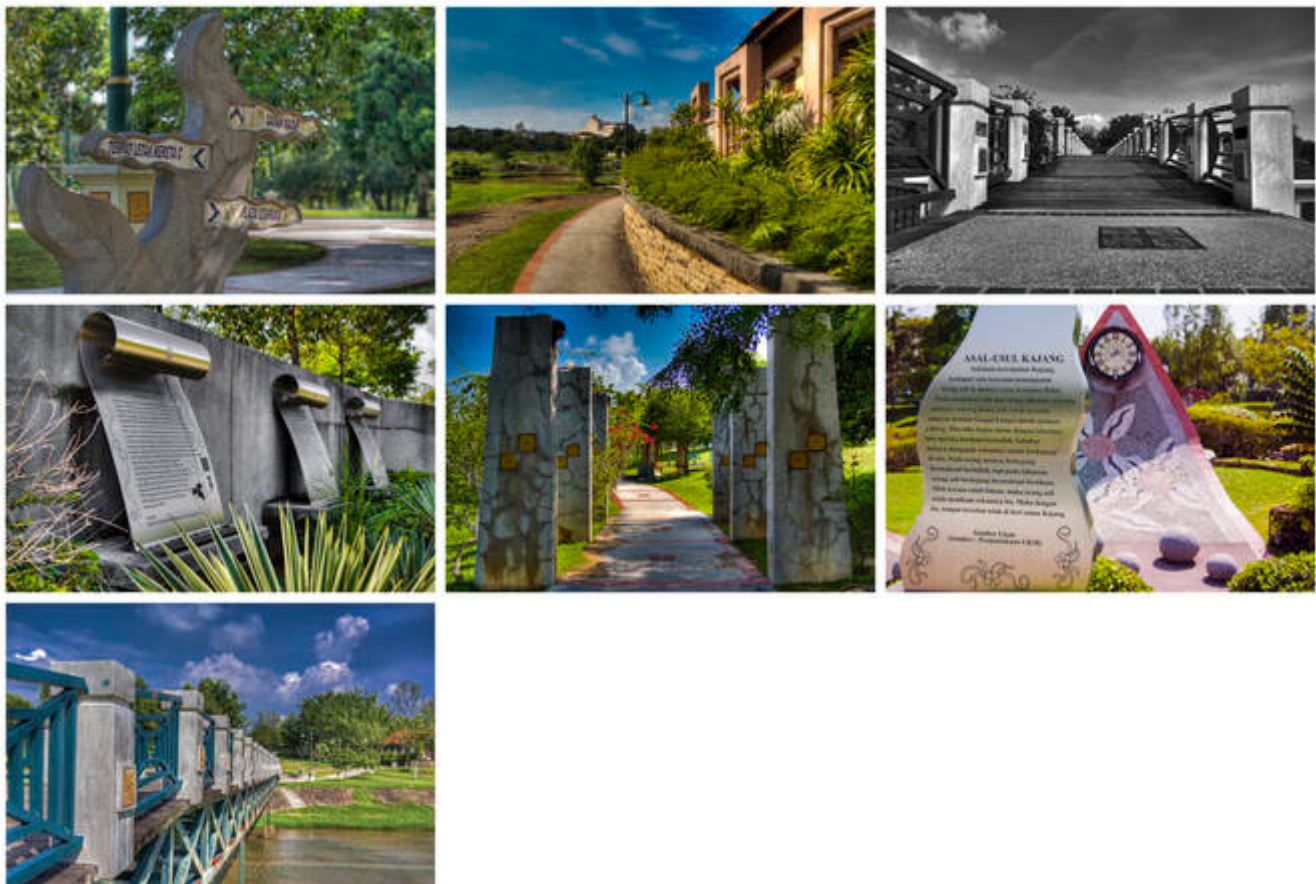
Sumber gambar-gambar: AbeDinMerbau @ Flickr, 2008-2009: "[AbeDinMerbau](#)".

### Gambar-Gambar 2010-2014





Sumber gambar-gambar: AbeDinMerbau @ Flickr, 2010-2012: "AbeDinMerbau".



Sumber gambar-gambar: Mahmud Zuhdi Abdullah @ Flickr, 2012: "Places".



Sumber gambar-gambar gelanggang peluncur: [thisismirul @ Flickr](#), 2011-2014: "[thisismirul](#)".

## 2014: Program Pengindahan

*"Program Pengindahan Taman Tasik Cempaka telah diadakan pada 21 Disember 2014 (Ahad) dan bertempat di Taman Tasik Cempaka, Bandar Baru Bangi. Program ini bermula pada pukul 7.30 pagi sehingga 11.30 pagi. Program ini dianjurkan oleh Universiti Kebangsaan Malaysia (UKM) dengan kerjasama Majlis Perbandaran Kajang (MPKj), Universiti Putra Malaysia (UPM), Universiti Teknologi Malaysia (UTM), Persatuan Penduduk Bandar Baru Bangi (Bangiku) dan Bangi Industry Administrative Association (BIAA).*

*Program ini bertujuan membersihkan dan mengindahkan kawasan tasik dan persekitarannya dengan kerjasama kakitangan dan pelajar Universiti, Ahli Komuniti, Ahli Industri dan Majlis Perbandaran Kajang. Program ini juga melibatkan penanaman pelbagai jenis pokok hiasan dan pokok herba bersama masyarakat tempatan. Untuk jangka masa panjang pula, kepakaran University akan digunakan untuk meningkatkan kualiti air di tasik dan anak sungai dengan pelbagai inovasi penyelidikan. Penglibatan sekolah-sekolah sekitar Bangi juga menyumbang dalam perancangan untuk tahun hadapan.*

Aktiviti-aktiviti semasa program ini ialah senamrobik, pameran komuniti, pameran kualiti air, pemeriksaan kesihatan (Glukos, Kolesterol, Tekanan Darah, Kaunseling, Fisioterapi), gotong-royong (Pembersihan, Penanaman Pokok, Mengecat Mural, "Railing" dan Set Kerusi Taman "Simenfero") dan pertandingan sampah terberat."



(Sumber: Majlis Perbandaran Kajang:

"Program Pengindahan Taman Tasik Cempaka, Bandar Baru Bangi").

**Gambar kanan:** "Taman Tasik Cempaka tempat rekreasi pilihan penduduk Bandar Baru Bangi serta sekitarnya telah diberi wajah baru melalui satu program untuk mengindahkannya hari ini. Program itu telah dianjurkan oleh Universiti Kebangsaan Malaysia (UKM), Universiti Putra Malaysia (UPM), Universiti Teknologi Malaysia (UTM), Majlis Perbandaran Kajang (MPKJ), Persatuan Penduduk Bandar Baru Bangi (BANGIKU) dan Bangi Industrial Administrative Association (BIAA) dengan kerjasama Kementerian Pendidikan. Setiausaha Bahagian National Blue Ocean Strategy (NBOS) UKM Ahmad Nazri Sulaiman telah merasmikannya. NBOS adalah suatu badan sukarelawan. Program itu bermula dengan aktiviti senamrobik oleh semua peserta disusuli pelbagai aktiviti termasuk pemeriksaan kesihatan percuma, gotong-royong dan pameran anjuran Pusat Transformasi Komuniti Universiti (LCTC). Disamping itu suatu pertandingan memungut sampah paling banyak diantara pasukan telah diadakan sebagai satu usaha membersihkannya. Peserta juga telah menanam pelbagai pokok hiasan serta mengindahkan lanskap hasil sumbangan UPM. Beberapa bangku taman yang dibuat dari simenfero sumbangan UTM Skudai Johor juga diadakan. Timbalan Naib Canselor (Hal-Ehwal Jaringan

Industri dan Masyarakat) Prof Dr Imran Ho Abdullah, Penolong Setiausaha MPKj Zahari Shukri dan Yang Dipertua BANGIKU Hj Ahmad Sufie turut hadir.” (Haslina Ramlee, Abd Ra'ai Osman @ UKM, 29 Disember 2014:

"Taman Tasik Cempaka Bangi Berwajah Baru").



“Dengan kerjasama tiga university (UKM, UPM dan UTM) serta MPKJ, Taman Tasik Cempaka dan kawasan sekitarnya telah berjaya dinaik taraf dan diperindahkan. Kini pelbagai kemudahan dan tarikan telah ditempatkan untuk kegunaan awam. Program ini dibawakan khas oleh UCTC melalui kaedah NBOS.” (UCTC Pusat Transformasi Komuniti Universiti, Universiti Putra Malaysia (UPM), 7 Oktober 2015: "Projek Pengindahan Sekitar Taman Tasik Cempaka, Bangi, Selangor").

## 2020: Baik Pulih





"Kerja-kerja membaikpulih dan menaiktaraf kawasan lapang fasa 1, 2 dan 3 di Taman Tasik Cempaka, Bandar Baru Bangi." (Bangi Kita @ Twitter / X, 19 Jun 2020:

"Kerja-kerja membaikpulih dan menaiktaraf").

## Kini



Peta Taman Tasik Cempaka kini ([Mapcarta, 2024](#)).

## Masalah Pencemaran

Umumnya, pencemaran sungai berlaku akibat sisa tak terawat yang dialirkan atau dibuangkan terus ke sungai. Sebahagian besar Sungai Langat kini dikelaskan sebagai Kelas III (tercemar), akibat kegiatan pelbagai kilang dan industri berdekatan sepanjang sungai ini, termasuk di sekitar Bangi. Sumber pencemaran terbesar adalah pusat-pusat pembetungan tercemar, serta sisa buangan industri: *“Langat River, which is a very important source of drinking water, as well as development in the Langat Basin, needs special care to reduce the pollution. Environmental Quality Report of Department of Environment since 1997 to the latest 2013 addressed that the river possessed the status of class III which required extensive treatment before drinking. However, more than one of the nine water treatment plants in the basin had to remain closed several times during 2012-2015 due to high concentration of chemical pollution in the river. ... The hazardous chemical pollution in the river was mainly due to the anthropogenic activities as well as there was lack of enforcement of policies to reduce the pollution. ... Sewerage Treatment Plants (STPs) followed by the industrial sector are considered as the main sources of chemical pollution in the Langat River. Some water quality parameters e.g. Pb, Al, Cr, Cd, Cu, etc. are crossing the level set in Malaysian NDWQS, although it is the main source of drinking water in Selangor. ... There should be strict monitoring on the industrial and sewage discharges into the river to control the discharges without treatment as sources are in different states.”* (Ahmed Minhaz Farid, Alam Lubna, Ta Goh Choo, Mohamed Che Abd Rahim and Mokhtar Mazlin @ Asian Journal of Water, Environment and Pollution, Vol. 13, No. 1 (2016), pp. 9-15:

|  
"A Review on the Chemical Pollution of Langat River, Malaysia").

Bagi Bandar Baru Bangi khususnya, terdapat beberapa kajian mengenai pencemaran Tasik Cempaka dan Sungai Air Itam, disebabkan oleh sisa perhotelan dan kilang-kilang yang berdekatan, antaranya:-

*“A study was carried out to determine the status of water quality of Tasik Cempaka which is a part of Sg. Air Itam, located near the Bangi industrial area. The study was carried out for eight months from May and to December 2013. Eight sampling stations were selected from upstream to downstream of Sg. Air Itam which represent the entire body of the lake water. ... These are several sources of pollution that most likely cause of lake pollution namely drainage of Bangi-Putrajaya Hotel and Bangi Golf Resort, factories nearby and settlement activities.”* (Nurul Ain Syahirah Mohamad Sabri, Md Pauzi Abdullah and Sohif Mat @ UKM, AIP Conference Proceedings 1614, 342 (2014):

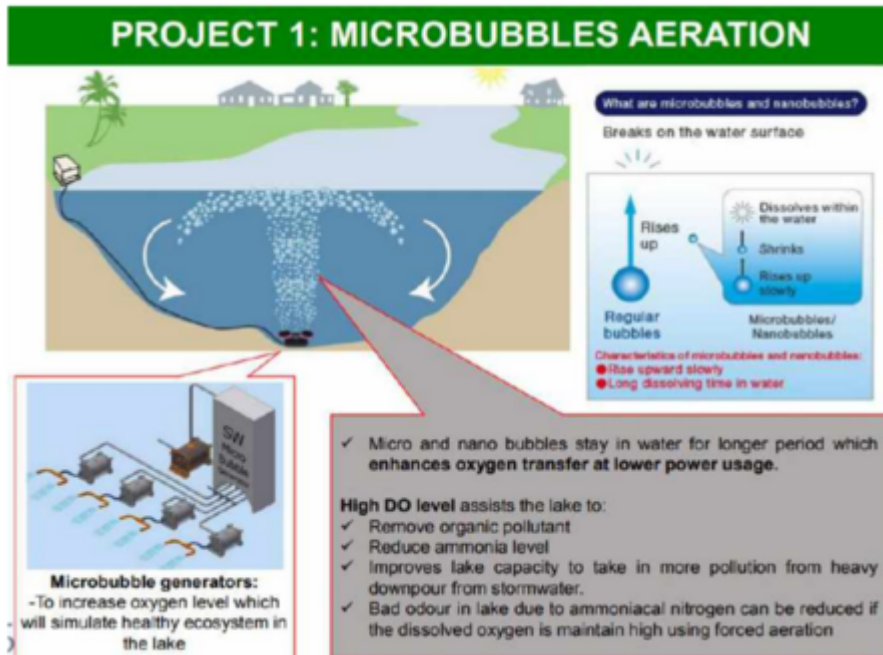
|  
"Monitoring and Assessment of Water Quality of Tasik Cempaka, Bangi").



(Grace Lim Si Min, Muhamad Zafri Aqil bin Zahari, Muhamad Saufi bin Mohd Taupik, Lee Chun Yip, Nur Faraheen binti Azman Lim, Mohitha A/P Sandrasagan, Aisyah binti Haris, Anas Fahmi bin Zakaria, Nur Najihah binti Fazari, 25 Jun 2019: "[Puncan Pencemaran Taman Tasik Cempaka, Bangi](#)").

*"Pada 29 September 2019, seramai 77 orang pelajar kursus LMCR1102 Kesukarelawanan dan Khidmat Bakti, diiringi pensyarah Prof. Madya. Dr. Fazilah Idris dan Dr. Wardah Mustafa Din telah turun ke sambutan Hari Sungai Sedunia Peringkat Parlimen Bangi. Sambutan ini yang dibuat di Taman Tasik Cempaka bermula seawal 7.00 pagi dan dipenuhi pelbagai aktiviti yang melibatkan mahasiswa sebagai sukarelawan. Pelancaran teknologi microbubble telah dilakukan dalam majlis ini oleh Yang Berhormat Ahli Parliman Bangi, Dr. Ong Kian Ming. Teknologi ini diketuai oleh Prof. Dr. Azni Idris daripada Fakulti Kejuruteraan, Universiti Putra Malaysia (UPM). Teknologi Pontoon Microbubble ini akan berperanan membantu merawat kualiti air Taman Tasik Cempaka dan telah mendapat tajaan RM40 ribu daripada Ahli Parlimen Bangi."*





"Mahasiswa UKM telah dibahagikan kepada tiga kumpulan dengan tiga tugas utama iaitu membersihkan tasik menggunakan kayak, membersihkan tebing tasik serta mencerikan jambatan yang merentasi tasik tersebut dengan mengecat jambatan tersebut. Semua pelajar terlibat dalam salah satu daripada aktiviti ini dan mendapat banyak manfaat daripada penglibatan ini. Antara penemuan hasil sampah yang mengejutkan para pelajar ialah sampah-sampah besar yang telah dibuang oleh masyarakat ke dalam tasik seperti gegantong dan kain rentang, serta pakaian dan lain-lain. Hal ini membuka mata mahasiswa akan peri pentingnya memberikan kesedaran kepada ahli masyarakat tentang kelestarian alam sekitar dan pembuangan sampah yang betul. Penglibatan mahasiswa dalam kerja-kerja kesukarelawanan alam sekitar ini diharapkan agar menjadi titik tolak kepada mereka untuk terlibat dengan lebih aktif lagi di dalam komuniti dan masyarakat."

(Sumber: Wardah Mustafa Din, Buletin Citra Isu 01 / Januari 2020:

"World River Day di Taman Tasik Cempaka", m.s. 5-6).

Sementara itu, oihak kerajaan pusat telah merancang untuk membangunkan sistem pembuangan berpusat di setiap kawasan perindustrian di negara ini: "Menteri Alam Sekitar dan Air, Datuk Seri Tuan Ibrahim Tuan Man, berkata di bawah Rancangan Malaysia Ke-12 (RMK-12) setiap lokasi yang diwartakan sebagai kawasan perindustrian akan dibangunkan dengan sistem pembuangan berpusat yang mengawal sisa pembuangan kilang. 'Sistem itu akan mengawal punca (sisa) sebelum turun ke sungai. Dengan cara ini, ia boleh elak sungai daripada tercemar oleh pembuangan sisa kilang,' katanya pada sidang media selepas melancarkan Denai Sungai Langat di sini, hari ini. Katanya pembangunan denai di sepanjang sungai pula berpotensi mengelak pencerobohan dan pencemaran terutama pembuangan sisa oleh lori." (BERNAMA @ Berita Harian, November 30, 2021:

"Loji efluen berpusat di kawasan industri").

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