

SABAH BIODIVERSITY CENTRE

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HIGHLIGHTS AND ACHIEVEMENTS



Enakmen Biodiversiti Sabah (Pindaan) 2023

Southeast Asian Biosphere Reserve Network (SeaBRnet) Meeting

**Sambutan Hari Biodiversiti Tahun 2023 Peringkat Negeri Sabah
"From Agreement To Action: Build Back Biodiversity"**

Wildlife Atlas of Sabah (WAS) book

Communication, Education, and Public Awareness (CEPA)

Scientific Expedition : Marai Parai - Gurkha Hut Taman Kinabalu 2023

Forum: Perkongsian Pengalaman Mengenai Pelaksanaan ABS di Semenanjung, Sabah dan Sarawak

Workshop for the Review of Sabah Biodiversity Strategy

SABAH STATE BUTTERFLY: Kinabalu Birdwing



Photo courtesy of: @hellosabahmy



Photo courtesy of:
1. Otsuka K. (1998 & 2001)
2. Come van der Linden

The elusive Kinabalu Birdwing, locally known as Kalibambang Emas, has been declared Sabah's State Butterfly on 2 October 2023 by the State Tourism, Culture and Environment minister Datuk Christina Liew. This species (scientifically known as *Troides andromache*) is a symbol of Sabah's rich biodiversity. This vibrant species has remained hidden in mountainous regions of Mount Kinabalu and Crocker Range.

This splendid creature, with a wingspan of about 60mm to 70mm, showcases a magnificent blend of colours - black, yellow, grey, brown, and white - truly a testament to the artistic palette of nature. Its distinct characteristics and ecological significance make it a living masterpiece. Consequently, nominating this species for recognition will not only help protect it but also draw attention to the broader efforts to conserve, as safeguarding this species will indirectly contribute to the preservation of its habitat

Enakmen Biodiversiti Sabah (Pindaan) 2023



10 Ogos 2023 | Dewan Undangan Negeri Sabah
Pindaan Enakmen Biodiversiti Sabah 2000 difuluskan di Mesyuarat Dewan Undangan Negeri Sabah

Berkuatkuasa 1 September 2023, Enakmen Biodiversiti Sabah (Pindaan) 2023 merangkumi perkara-perkara berikut:

1. **Pusat Biodiversiti Sabah diwujudkan sebagai sebuah entiti yang diketuai oleh seorang Pengarah;**
2. **Jadual Sumber biologi yang dilindungi di bawah Enakmen Biodiversiti Sabah telah diwujudkan untuk 6 Spesies Fauna dan 120 Spesies Flora**

Maklumat lebih lanjut boleh didapati dengan melayari laman web rasmi Pusat Biodiversiti Sabah (SaBC) di <https://sabc.sabah.gov.my/>

◀ Pegawai yang terlibat:

Dr. Gerald Jetony, Puan Alessandra Markos, Encik Azhan bin Azman.



SABAH, MALAYSIA

Warta Kerajaan

Diterbitkan dengan kuasa

Jl. LXXVIII] KOTA KINABALU, KHAMIS, 23 NOVEMBER 2023 [No. 48

Kenyataan-kenyataan berikut adalah diterbitkan atas perintah Tuan Yang Terutama Yang di-Pertua Negeri untuk Makluman Umum.

DATUK SERI PANGLIMA SR. HAJI SAFAR BIN UNTONG,
Setiausaha Kerajaan Negeri.

No. 410 [No. JKM/SaBC.100-7 KLT. 1 (50)

ENAKMEN BIODIVERSITI SABAH 2000

PENGARAH PUSAT BIODIVERSITI SABAH
DI BAWAH ENAKMEN BIODIVERSITI 2000

Adalah disiarkan untuk makluman umum bahawa selaras dengan pindaan ke atas Enakmen Biodiversiti Sabah 2000 yang berkuat kuasa pada 1 September 2023, Pusat Biodiversiti Sabah menjadi satu entiti di bawah Jabatan Ketua Menteri yang diketuai oleh seorang Pengarah yang dilantik daripada kalangan anggota perkhidmatan awam Negeri untuk mengurus Pusat Biodiversiti Sabah.

Dibuat pada 31 Oktober 2023.

DATUK SERI PANGLIMA SR. HAJI SAFAR BIN UNTONG,
Setiausaha Kerajaan Negeri.



1,990 WARTA KERAJAAN NEGERI SABAH 23 November 2023

[No. JKM/SaBC.100-7 KLT. 1 (50)

SABAH BIODIVERSITY ENACTMENT 2000

DIRECTOR OF SABAH BIODIVERSITY CENTRE
UNDER THE SABAH BIODIVERSITY ENACTMENT 2000

It is published for general information that in accordance with amendment to the Sabah Biodiversity Enactment 2000 which came into effect on 1st September 2023, the Sabah Biodiversity Centre becomes an entity under the Chief Minister's Department headed by a Director appointed from amongst the member of the State public service to manage Sabah Biodiversity Centre.

Made on 31st October 2023.

DATUK SERI PANGLIMA SR. HAJI SAFAR BIN UNTONG,
State Secretary.



13-15 November 2023; Hilton Hotel, Kota Kinabalu - The meeting was organized and hosted by Malaysia through the Sabah State Government represented by the Ministry of Tourism, Culture and Environment Sabah together with Sabah Parks facilitated by the SeaBRnet Secretariat at UNESCO Jakarta and Japanese Funds-in-Trust 9JFIT) from the Ministry of Education, Culture, Sports, Science and Technology (MEXT).

During the first day of the meeting, Dr. Gerald Jetony, Director of Sabah Biodiversity Centre moderated the Country Reports Session. The presenters include key figures from different countries involved in the conservation and management of Biosphere Reserves in their local place. **During the session, there were exchanges of insights and perspectives on biodiversity and forestry management particularly within Biosphere Reserve sites.**

On the second day of the meeting, **Mdm. Alessandra Markos reported the current nomination status including the issues and challenges of the Proposed Kinabatangan Biosphere Reserve.** During her presentation, Mdm. Alessandra explained that the **nomination process includes fulfilling the MAB requirements to engage with local communities and to obtain their consent on the proposed Kinabatangan Biosphere Reserve.** She also shared the issues and challenges that the Kinabatangan landscape is facing such as the fast pace development and she highlighted **the importance of the government to be more transparent on the development activities and plans within the area.**

More than 100 in-person attended the meeting and in addition about 100 participants attended virtually. Participants were mostly representatives from MAB Stakeholders in Southeast Asia including MAB National Committees and/or Biosphere Reserve Managers and local and international stakeholders.

The objectives of this meeting were:

- To facilitate the exchange of knowledge and experiences among Biosphere Reserves in the Southeast Asia, promoting cross-learning and capacity building. Foster collaboration in research, implementation and monitoring including exchanges between biosphere reserves;
- To explore strategies and initiatives that promote sustainable development within Biosphere Reserves, ensuring the socio-economic well-being of local communities;
- To emphasize the importance of biodiversity conservation and sustainable resource management in Biosphere Reserves;
- To highlight the role of community engagement and empowerment in promoting coexistence of people and nature;
- To strengthen regional collaboration and networking among Biosphere Reserves, researchers, policymakers, and civil society organizations;
- To communicate and disseminate other activities of the MAB Programmed to the network; and
- To identify potential pilot Biosphere Reserves in Southeast Asia for capacity development and good governance measures.

Southeast Asian Biosphere Reserves Network (SeaBRnet) Meeting



SAMBUTAN HARI BIODIVERSITI TAHUN 2023 PERINGKAT NEGERI SABAH - “FROM AGREEMENT TO ACTION: BUILD BACK BIODIVERSITY”

DAERAH KOTA BELUD, SABAH

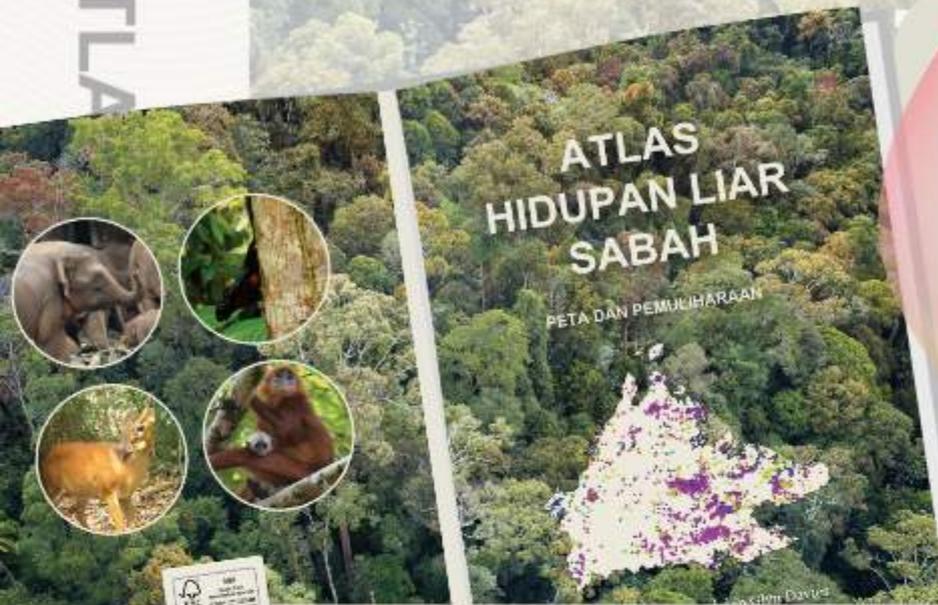
Pusat Biodiversiti Sabah (SaBC) dengan kerjasama Pejabat Daerah Kota Belud, Jabatan Pendidikan Negeri Sabah, Sabah Environmental Education Network (SEEN), Majlis Daerah Kota Belud, Jabatan Penerangan Sabah, Polis Diraja Malaysia Kontinjen Sabah Daerah Kota Belud, Jabatan Sukarelawan Malaysia (RELA), Sabah Electricity Sdn. Bhd. (SESB), Jabatan Air, Pejabat Kesihatan Daerah Kota Belud, jabatan dan agensi kerajaan dan badan bukan kerajaan yang lain telah menganjurkan **Sambutan Hari Biodiversiti Tahun 2023 Peringkat Negeri Sabah** pada **28 Julai 2023 (Jumaat)** bermula dari jam 9:00 pagi hingga 4:00 petang bertempat di **Kadamaian Square, Kota Belud**. Pada sebelah pagi aktiviti kuiz, taklimat, pameran biodiversiti, saringan kesihatan termasuk jualan tamu oleh komuniti tempatan telah memeriahkan lagi sambutan pada kali ini yang bertemakan **"From Agreement to Action: Build Back Biodiversity"**.

Tema pada tahun ini adalah bagi menggalakkan kesemua ahli dan pihak berkepentingan yang terlibat dalam usaha pembinaan kembali biodiversiti untuk mengambil tindakan terhadap rangka kerja biodiversiti global atau dikenali sebagai *Global Biodiversity Framework, GBF* yang telah diolah dalam bentuk sebuah perjanjian. Manakala bagi beberapa pihak yang telah mengambil tindakan terhadap perjanjian tersebut, IDB merupakan antara platform yang digunakan bagi memberi peluang untuk menghebahkan dan menyerlahkan tindakan tersebut dengan lebih lanjut dan terperinci. Sambutan IDB diteruskan lagi dengan majlis perasmian oleh Yang Berhormat Datuk Ewon Benedick, Menteri Pembangunan Usahawan dan Koperasi Malaysia. Dikesempatan ini juga, satu sesi taklimat ringkas berkenaan dengan Projek Dokumentasi Pengetahuan Tradisi (TK) Komuniti Asal Sabah oleh SaBC juga diadakan dan Terma Persetujuan Bersama (*Mutual Agreed Terms*) di antara SaBC dengan Komuniti Kg. Melangkap telah ditandatangani.



WILDLIFE ATLAS OF SABAH (WAS) BOOK

- A **reference book** to support conservation policies and species management.
- **Co-authored by 40** local and international **scientists** and conservation **experts**.
- Single volume of many **disparate records of wildlife species** in Sabah.



The WAS Book is intended to provide information on wildlife species in efforts to support conservation and sustainable development in Sabah. This publication included distribution maps and the ecological information of 31 mammals and 6 birds. The English version was published on 02 November 2023 during WWF-Malaysia's 50th anniversary conservation conference and this book is currently being produced in Bahasa Malaysia to benefit wider local audience. Digital copies of both versions of the book will be made available online, allowing more readers to access it.

BM VERSION

COMING
SOON

The BM edition of the WAS book has been designed and submitted to the printing company. The hard copies are scheduled to arrive in early December 2023.

PUBLISH & LAUNCH

- Open-access publications in both English and Malay will be accessible by December 2023.
- The Malay version is scheduled to launch on December 2023, in collaboration with WWF-Malaysia

Editor: He

COMMUNICATION, EDUCATION, AND PUBLIC AWARENESS



Konsultasi & Taklimat Projek Dokumentasi Pengetahuan Tradisi (TK) Komuniti Tempatan Sabah

Atas permintaan komuniti, Pusat Biodiversiti Sabah sekali lagi telah mengadakan sesi konsultasi dan taklimat berkenaan Projek Dokumentasi TK bersama komuniti di Kg. Kolosunan, Inanam pada 03 Jul 2023 serta perbincangan ringkas bersama komuniti Kg. Melangkap, Kota Belud pada 28 Jul 2023 (2 orang wakil) dan 10 Okt 2023.

Practical and Hands-on Training di Lembaga Koko

On July 3 - 7, 2023, two SaBC industrial trainees underwent practical training at the Cocoa Research Center, KKIP. They are Roland and Michelle.



Malaysia Day Exhibition

The Sabah Biodiversity Centre participated in the exhibition for the 60th Malaysia Day Exhibition at the state level in Sabah from September 12 - 16, 2023 at ITCC, Penampang.

Tree planting program at Sook Lake Forest Reserve

The tree planting program by officers and staff of the Department of Agriculture and Forestry of Sabah in conjunction with the 100 million tree planting campaign in the Sook Forest Reserve was held on September 27, 2023. The Sabah Biodiversity Centre was represented by Ms. Jeannalyn Cristy. A total of 200 trees from the Red Obah, Pengiran Kesat, and Telutu species were planted.



Proposed Kinabatangan Biosphere Reserve (KBR) - Growers' Workshop

SaBC together with HUTAN-Kinabatangan Orangutan Conservation Project and Proforest Southeast Asia recently organised the KBR-Growers' Workshop. The main objective of the workshop was to introduce and socialise the concept of the Biosphere Reserve in Kinabatangan to the local oil palm industry in the region. The workshop was attended by growers and mills operating within Kinabatangan District.

THE VISITS

Lawatan Kerja Perbadanan Harta Intelek Malaysia (MyIPO) Ke SaBC

20 | November | 2023, Pusat Biodiversiti Sabah: Seramai empat (4) orang pegawai MyIPO telah diketuai oleh Puan Yusnieza Syarmila binti Yusoff selaku Timbalan Ketua Pengarah (Strategik & Teknikal), MyIPO telah menyertai lawatan kerja ini. Semasa lawatan, Puan Ken Kartina telah memberikan sedikit pengenalan tentang SaBC serta projek penyelidikan tumbuhan hyperaccumulator yang sedang giat dilaksanakan di Sabah.

Manakala En. Mohd. Syukri bin Mohd. Nor dari Unit Fitokimia & Pengetahuan Tradisional MyIPO pula telah berkongsi tentang proses paten, sistem MyTKDL dan inisiatif antarabangsa dalam perlindungan pengetahuan tradisional. Semasa sesi ini, MyIPO dan SaBC saling bertukar pendapat berkenaan komponen harta intelek seperti Paten dan Petunjuk Geografi. Objektif lawatan ini adalah bagi membincangkan kerjasama bersama khususnya di tahun akan datang.



Kunjungan Hormat Daripada Jabatan Perhutanan Negeri Perlis, Jabatan Perhutanan Semenanjung Malaysia, Komuniti Kaki Bukit dan NGO Negeri Perlis (Nature Xplore, Perlis Climber, Persatuan Rekreasi Bukit Jernih dan Hikers Perlis)

13 | Disember | 2023, Pusat Biodiversiti Sabah: Kunjungan ini adalah bersempena dengan Kursus Pembangunan Modal Insan dan Bina Upaya (*capacity building*) Komuniti Hutan Negeri Perlis ke Negeri Sabah. Semasa kunjungan tersebut, SaBC berpeluang menyampaikan taklimat berkenaan dengan fungsi-fungsi SaBC di bawah Enakmen Biodiversiti Sabah.



MAJLIS PELANCARAN BUKU ATLAS HIDUPAN LIAR SABAH

08 | Disember | 2023; Sabah International Convention Center (SICC)

Majlis Pelancaran Buku Atlas Hidupan Liar Sabah telah disempurnakan oleh Yang Berbahagia, Timbalan Setiausaha Kerajaan Negeri Sabah (Pembangunan) yang mewakili Yang Berhormat, Setiausaha Kerajaan Negeri Sabah.

Buku Atlas Hidupan Liar ini telah diterjemahkan ke Bahasa Malaysia dari buku Bahasa Inggeris *Wildlife Atlas of Sabah* yang telah dilancarkan oleh WWF Malaysia pada tahun 2022. Editor Bahasa Malaysia buku ini adalah Prof. Dr. Henry Bernard.



FORUM: PERKONGSIAN PENGALAMAN MENGENAI PELAKSANAAN ABS DI SEMENANJUNG, SABAH DAN SARAWAK



Dr. Gerald Jetony, Setiausaha Pusat Biodiversiti Sabah telah berkongsi pengalaman semasa Forum: Perkongsian Pengalaman Mengenai Pelaksanaan ABS di Semenanjung, Sabah dan Sarawak sempena Persidangan Kepelbagaian Biologi Kebangsaan 2023 - Sesi Akses kepada Sumber Biologi dan Perkongsian Faedah bertemakan Kepelbagaian Biologi Membina Malaysia Madani. Persidangan diadakan pada 23 - 25 Oktober 2023.

Tempat : Pusat Konvensyen Antarabangsa Putrajaya (PICC).

Antara pengisian utama persidangan ini adalah peluncuran Dasar Kepelbagaian Biologi Kebangsaan 2023 - 2030 , sesi akses kepada sumber biologi dan perkongsian faedah, sesi pengurusan tanah gambut mampan, sesi perhutanan sosial dan pameran kepelbagaian biologi.

STRATEGIC VALIDATION WORKSHOP FOR SABAH BIOTECHNOLOGY ACTION BLUEPRINT 2024-2034

17 | October | 2023; Hyatt Regency Hotel, Kota Kinabalu

The primary objective of the workshop was to solicit pertinent insights and input from key entities such as ministries, government agencies, research institutes/think tanks, and universities.

The collaborative effort sought to inform the initial recommendations for the forthcoming Sabah Biotechnology Action Blueprint (2024-2034).



WORKSHOP FOR THE REVIEW OF SABAH BIODIVERSITY STRATEGY DAY 1 & DAY 2

A workshop was organised for all stakeholders to comment the review of the Sabah Biodiversity Strategy.

Venue: Multivision Room, Level 3, Menara Kinabalu , Kota Kinabalu



Seminar Saintifik Mamut & Teluk Darvel



Credit: Sabah Parks

Pada 28-29/08/2023, pihak Taman-Taman Sabah (TTS) telah mengadakan Seminar Saintifik Mamut & Teluk Darvel 2023 yang bertujuan untuk mengumpulkan hasil dapatan para penyelidik (merangkumi bidang flora, fauna, alam sekitar, pelancongan & juga komuniti) yang terlibat sepanjang pelaksanaan dua ekspedisi saintifik tersebut. Seminar ini telah dirasmikan oleh YBhg. Dr. Maklarin Lakim, Pengarah TTS di Promenade Hotel, Kota Kinabalu. Pusat Biodiversiti Sabah (diwakili oleh Pn. Alessandra & Cik Vivi) telah menyertai Ekspedisi Saintifik Mamut yang telah diadakan pada 19-30 Sept 2022. Pelaksanaan seminar ini juga merupakan langkah awal proses pewartaan kawasan lombong Mamut yang akan diwartakan di bawah Enakmen Taman-Taman 1984 sebagai *nature reserve* atau kawasan perlindungan semula jadi.

Semasa seminar ini, Pn. Alessandra telah membuat pembentangan poster yang bertajuk Taklimat Akses & Perkongsian Faedah serta Projek Dokumentasi Pengetahuan Tradisi Pusat Biodiversiti Sabah. Pelancaran Ekspedisi Saintifik Marai - Parai Gurkha Hut 2023 turut diadakan pada hari terakhir seminar, iaitu pada 29/08/2023. Ekspedisi ini bertujuan untuk mengumpul data saintifik bagi tujuan pengurusan & sekaligus menilai potensi laluan untuk dibangunkan sebagai laluan alternatif ke puncak Gunung Kinabalu.

Marai Parai - Gurkha Hut Kota Belud 2023 Scientific Expedition



From October 10th to 13th, 2023 (Thursday to Sunday), Sabah Biodiversity Centre (SaBC), represented by Mdm. Alessandra, Ms. Vivi, Ms. Jane, and Ms. Syiqin participated in the Scientific Expedition of Marai Parai - Gurkha Hut Kota Belud 2023 organized by Sabah Parks.

As part of this expedition, SaBC held two (2) briefings: 1) Introduction to Access and Benefit Sharing (ABS) and 2) Traditional Knowledge (TK) Documentation Project by SaBC. The primary objective of these briefings is to raise awareness about the implementation of ABS in Sabah and to inform about the TK Documentation Project that will be implemented by SaBC. Additionally, SaBC conducted a Knowledge, Awareness, and Perception Survey among community leaders in Kg. Kiau regarding the implementation of ABS in Sabah.

Community leaders from Kg. Kiau Nuluh, Kg. Kiau Teburi, and Kg. Kiau Bersatu, including GOMPITO members, attended the briefings and surveys conducted by SaBC.



During the expedition, SaBC also utilized the iSaBIS application to record biodiversity data.

Access and Export Licence Issuance Report (July-December 2023)

Total Access Licence
Issued **50**

Total Renewal Licence
Issued **51**

Total Export Licence
Issued **10**

Local
Researcher **54**

International
Researcher **56**

Licence fee (Access and
Export) is imposed to all local
and international researchers.

Number of Research Conducted by Division



Please note that only **one** series of access and export license applications were evaluated during this period due to an **amendment** to the Sabah Biodiversity Enactment, which resulted in several procedural shifts.

MARAI PARAI GURKHA HUT KOTA BELUD (2023 SCIENTIFIC EXPEDITION)

We are excited to announce that the Sabah Biodiversity Council (SaBC) has approved the access license for the "Marai Parai-Gurkha Hut Kota Belud (2023 Scientific Expedition)". This expedition represents a **significant** step forward in our understanding and preservation of Sabah's rich biodiversity. By spreading awareness of this initiative, we hope to **inspire** more researchers and agencies to apply for access licenses for their scientific expeditions. Your participation and support are vital for the continued success of conservation efforts in our region. Join us in safeguarding our natural heritage for future generations.



NOTICE

NEW DEADLINES FOR ACCESS AND EXPORT LICENCE APPLICATIONS (AS OF JANUARY 2024)

The Access/Export Evaluation Meeting will take place four (4) times a year. The submission deadlines for each application series are:

Series 1
December 31st

Series 2
March 31st

Series 3
June 30th

Series 4
September 30th

Only **complete** submitted applications will be brought to the meeting and be evaluated. Licences are expected to be issued one or two months after the deadline.

ACCESS AND EXPORT LICENCE APPLICATION:

All access and transfer licence must be submitted via SaBC's online application portal at

<https://sabahapps.sabah.gov.my>

WHEN SHOULD I SUBMIT MY ACCESS AND EXPORT LICENCE APPLICATION?

Application period	The Access and Export License Committee will meet four (4) times in a year for application vetting process
1 st December – 28 th February	March/April
1 st March – 31 st May	June/July
1 st June – 31 st August	September/October
1 st September – 30 th November	December/January

*Disclaimer: SaBC has the right to amend the date. Applicants are advised to constantly check for new announcement

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COME AND JOIN US!

For those who would like to write and contribute, please contact the editors at sabc.offnewsletter@gmail.com Open for all!
Thank You!

Internship opportunity is open all year round. Please submit the following documents and e-mail to:

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- Cover letter from your university
- Resume



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COME AND JOIN US!

SaBC will invite more researchers to share their research activities and results. Currently it is conducted by invitation only. For more information, please email sabc.researchpresentation@gmail.com