



SUZEEYAR 2016

MYANMAR SPATIAL DATA PLATFORM CONFERENCE

16 - 18 MAY 2016, NAY PYI TAW

“Private Sector Support for National Spatial Data Platforms”

နိုင်ငံ၏ ပထဝီ အချက်အလက် အခြေခံ စံနစ်တွင် ပုဂ္ဂလိက ကဏ္ဍမှ ပါဝင်ဆောင်ရွက်ခြင်း

Presented by:

Zaw Naing

Managing Director
Mandalay Technology

Presented by:

aZmfEdkif

Managing Director
Mandalay Technology

Founded in 1998



(1998)
(၁၉၉၈)



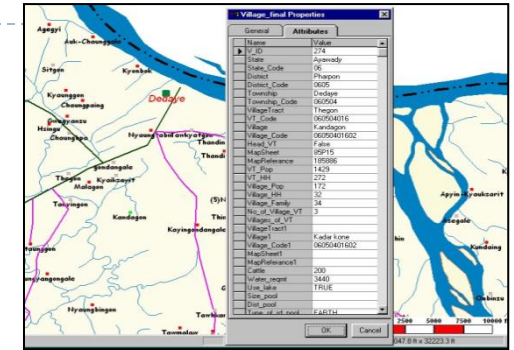
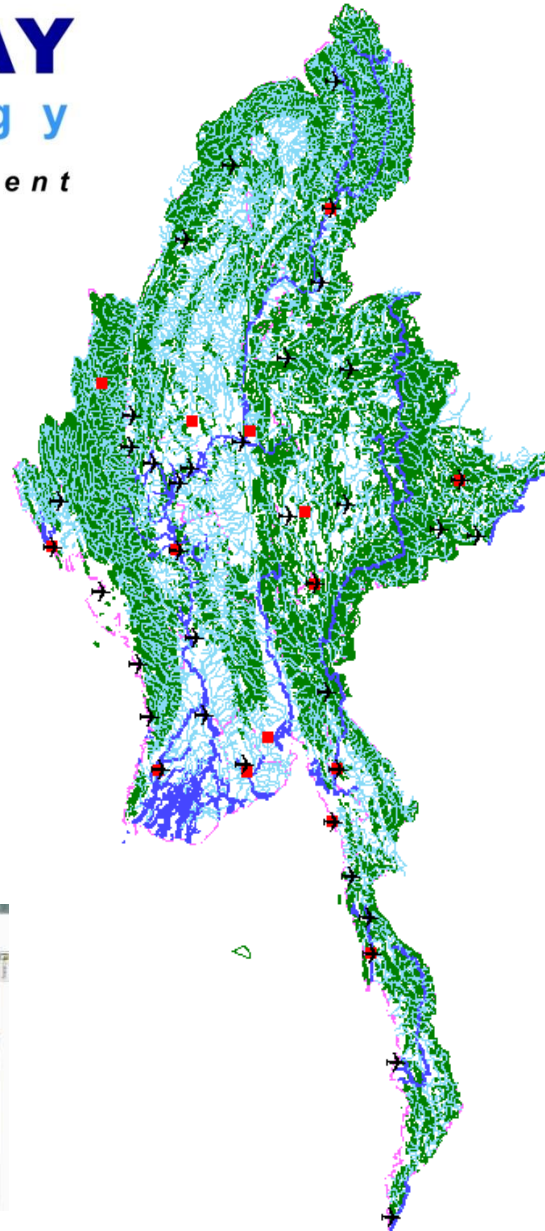
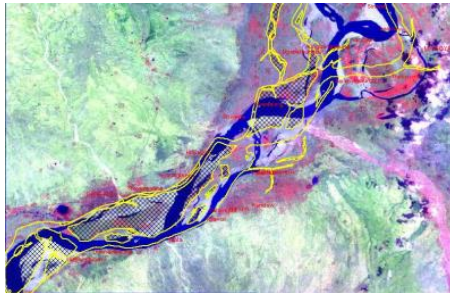
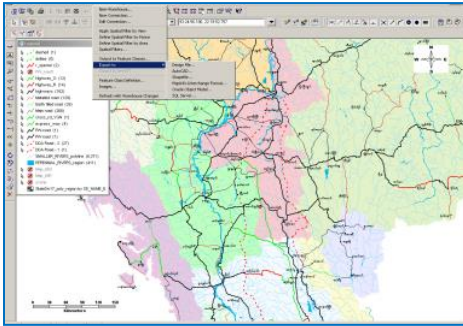
(2002)
(၂၀၀၂)



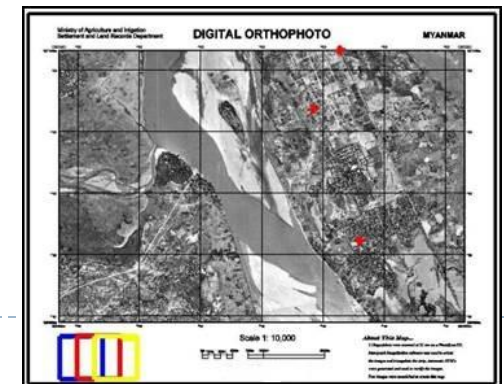
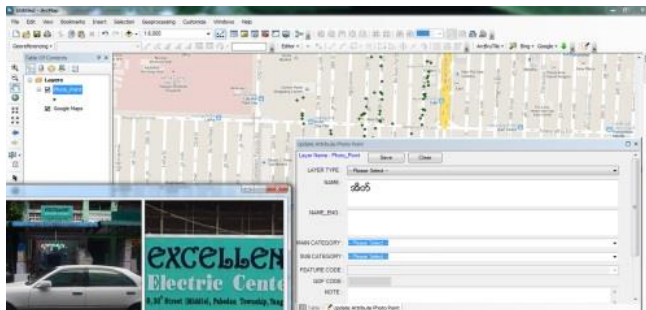
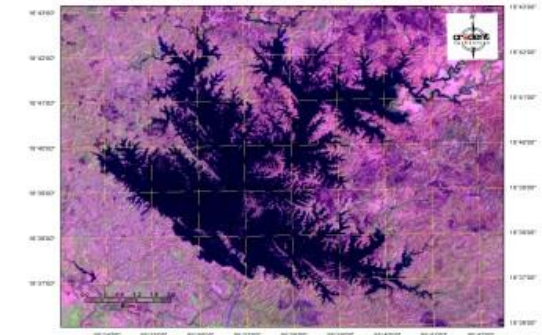
(2008)
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Private Sector GIS Leadership in Myanmar



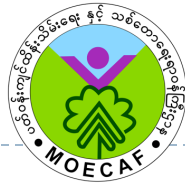
ပဲခူးတိုင်း၊ ယင်းတည်မြို့နယ်ရှိ ပဲခူးတည် မြို့နယ်၏ မြေပုံအခြေခံ



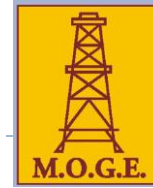
Mandalay Technology's Customers



- 1) ကြေးတိုင်နှင့်မြေစာရင်းဦးစီးဌာန
(Settlement and Land Records Department)
- 2) ရေအရင်းအမြစ် အသုံးချရေးဦးစီးဌာန
(Water Resources Utilization Department)
- 3) ဆည်မြောင်းဦးစီးဌာန
Irrigation Department



- 4) မြေတိုင်းဦးစီးဌာန
(Survey Department)



- 5) မြန်မာ့ရေနံနှင့်သဘာဝဓာတ်ငွေ့လုပ်ငန်း
(Myanmar Oil and Gas Enterprise)



- 6) မြို့ရွာနှင့်အိုးအိမ်ဖွံ့ဖြိုးတိုးတက်ရေးဦးစီးဌာန
(Department of Human settlement and Housing Development)



- 7) မြေပုံထုတ်ဝေရေးအဖွဲ့
(Designs Printing Services)



- 8) မြန်မာ့စီးပွားရေးကော်ပိုရေးရှင်း
(Myanmar Economic Cooperation)



- 9) ရန်ကုန်မြို့တော်စည်ပင်သာယာရေးကော်မတီ
(Yangon City Development Committee)



- 10) Japan International Cooperation Agency (JICA)



- 11) Department of Water Resources and Improvement of River System



- 12) ရန်ကုန်တက္ကသိုလ်
(Yangon University)



- 13) မန္တလေးတက္ကသိုလ်
(Mandalay University)



- 14) တောင်ငူတက္ကသိုလ်
(Taungoo University)



- 15) WildLife Conversation Society



Mandalay Technology's Customers



MYANMA FIVE STAR LINE
THE NATIONAL FLAG CARRIER YOU CAN RELY ON

16) မြန်မာ့ကြယ်ငါးပွင့် သင်္ဘောလုပ်ငန်း
(Myanmar Five Star Line)



17) မြန်မာ့ဆိပ်ကမ်းအာဏာပိုင်
(Myanmar Port Authority)



Shwe Taung Group

*Inspiring Lives with
Responsible Investment &
Sustainable Development*

18) အိုလံပစ်ဆောက်လုပ်ရေး(Olympic Construction Company)



19) ကျန်းမာရေးစီမံကိန်းဦးစီးဌာန
(Department of Health Planning)



DEPARTMENT OF
MEDICAL RESEARCH
(LOWER MYANMAR)

20) ဆေးသုတေသနဦးစီးဌာန
(Department of Medical
Research)



21) Asia Research Center ရန်ကုန်တက္ကသိုလ်
(Asia Research Center , Yangon University)



22) လေကြောင်းညွှန်ကြားရေးမှူးဦးစီးဌာန
(Department of Civil Aviation)



23) ပြည်သူ့အင်အားဦးစီးဌာန
(Department Of Population)



United Nations Population Fund

24) ကမ္ဘာ့ကုလသမဂ္ဂ လူဦးရေရံပုံငွေအဖွဲ့
(United Nation Fund for Population Affairs)



25) Myanmar Ivanhoe Copper
Company Limited (MICCL)



26) MPRL E&P Pte Ltd

Mandalay Technology's Customers



27) DAEWOO International



Food and Agriculture Organization
of the United Nations

28) ကမ္ဘာ့ကုလသမဂ္ဂစားနပ်ရိက္ခာနှင့် စိုက်ပျိုးရေးအဖွဲ့
(Food and Agriculture Organization of the United Nations)



29) ကမ္ဘာ့ကျန်းမာရေးအဖွဲ့
(World Health Organization)



30) မြန်မာ့မီးရထား
(Ministry of Railway)



31) မန္တလေးမြို့တော်စည်ပင် ဘာသာရေးကော်မတီ
(Mandalay City Development Committee)



32) သစ်တောဦးစီးဌာန
(Forest Department)



33) တပ်မတော်နည်းပညာတက္ကသိုလ်
(Defense Services Technological Academy)



34) မကွေးတက္ကသိုလ်
(University of Magway)



35) Toyo Thai Corporation
Public Company Limited



36) သိပ္ပံနှင့်နည်းပညာဝန်ကြီးဌာန
(MOST – Ministry of Science and Technology)

39) ရန်ကုန်ပြည်သူ့ဆေးရုံကြီး (Yangon General Hospital)

37) ထားဝယ်တက္ကသိုလ် (Dawei University)

40) ရန်ကုန်အရှေ့ပိုင်း တက္ကသိုလ် (University of East Yangon)

38) နယ်စပ်ရေးရာဝန်ကြီးဌာန ၊ ပညာရေးနှင့် လေ့ကျင့်ရေးဦးစီးဌာန

GIS Trainings and Workshops (Started in 2001)



Annual GIS Workshops



GIS Trainings at Government Agencies



Trainings for Trainers at Universities

**GIS Training Courses for the
Teachers**

at

Yangon and Mandalay Universities

Ministry of Education



GIS Workshop for Educators



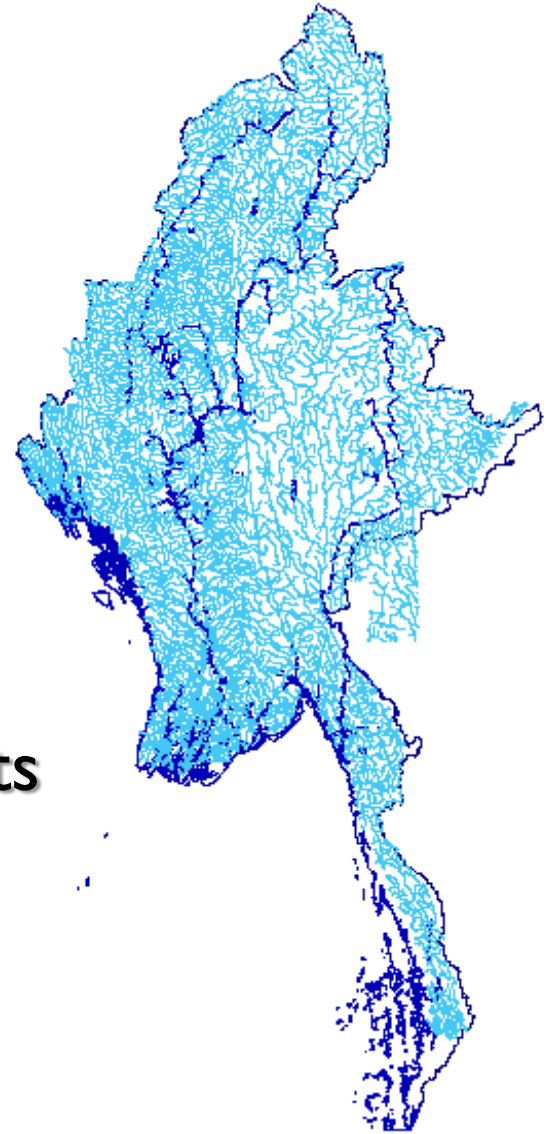
ASEAN ICT Award (CSR Category) Gold Award

- ▶ 2012
- ▶ First ASEAN ICT Award
- ▶ For our Geospatial Technological Trainings for Disaster Risk Preparedness and Management, and Environmental Management



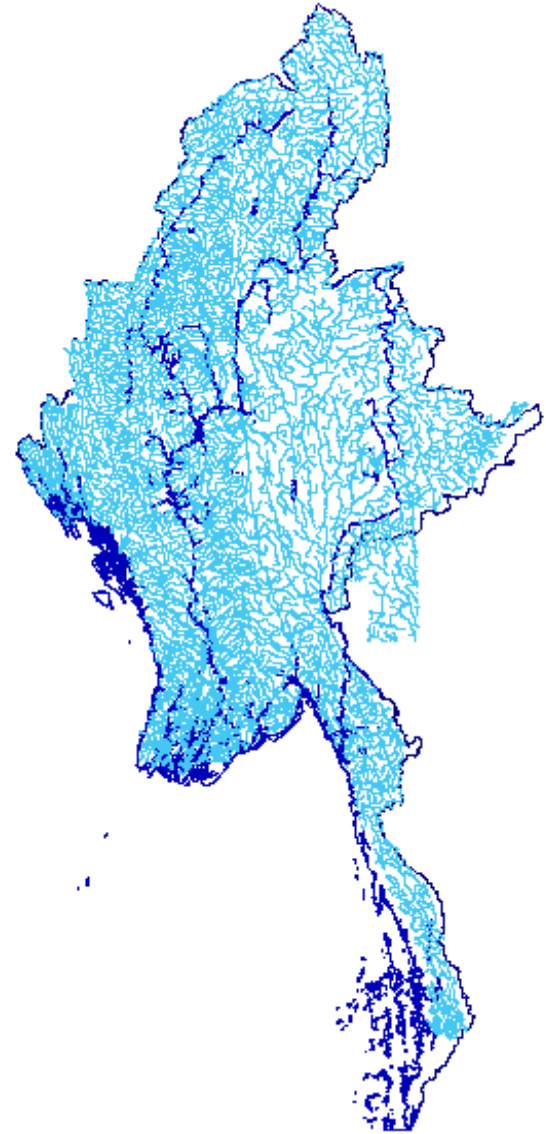
Challenges created by us

- ▶ We provided geospatial
 - ▶ Software
 - ▶ Systems
 - ▶ Services
 - ▶ Data
 - ▶ Training
 - ▶ GIS Labs @ Universities
- ▶ **On different platforms and Formats**
 - ▶ Intergraph GeoMedia (1998 - 2008)
 - ▶ ESRI ArcGIS (2008 onwards)
 - ▶ ENVI (Image Processing)
- ▶ **Desktop Licenses**



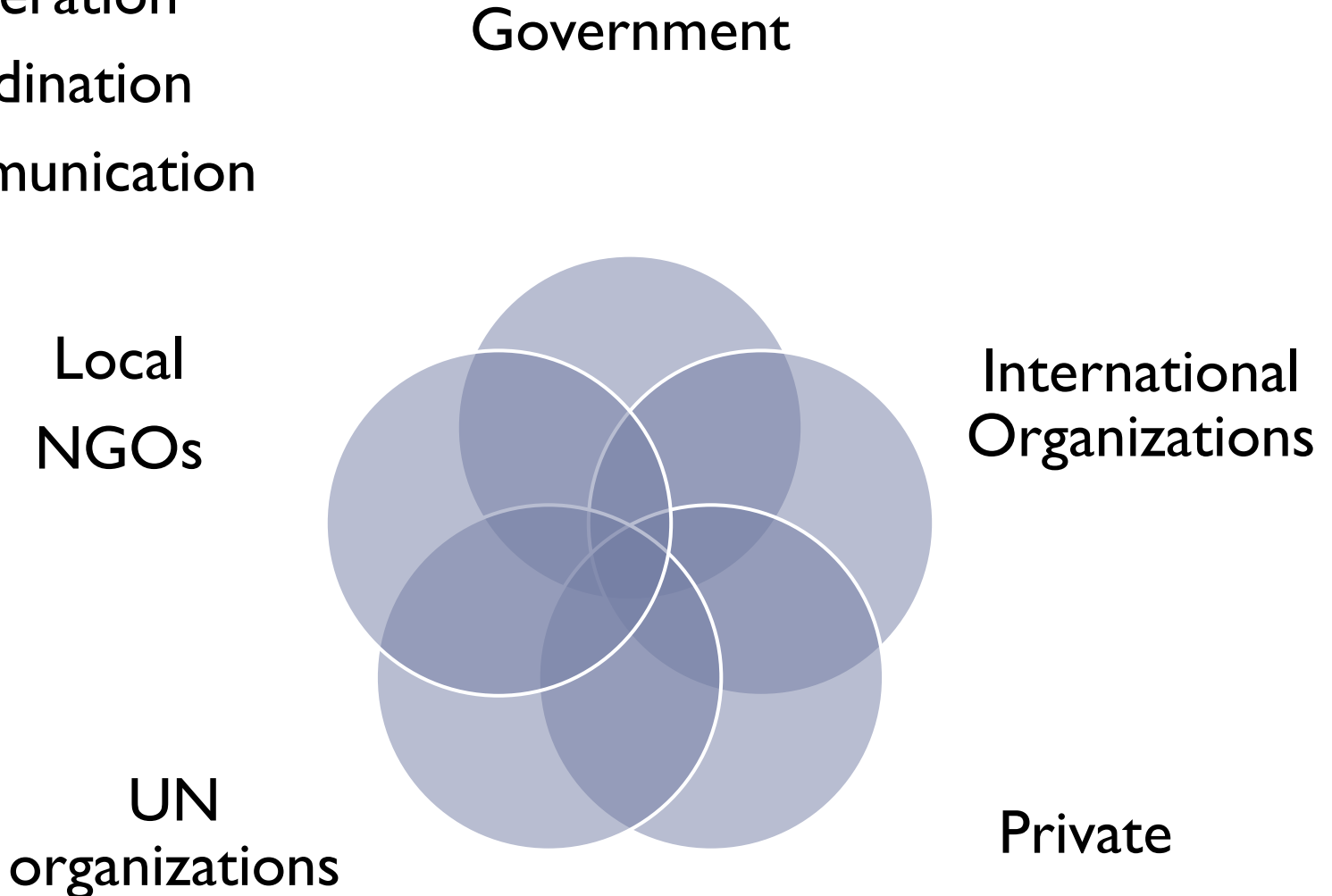
Challenges created by us

- ▶ Interoperability ????
- ▶ ONE Map ????
- ▶ National Spatial Data Infrastructure???



Challenges in the industry

- ▶ Cooperation
- ▶ Coordination
- ▶ Communication



We try to help....

We work with multi-stakeholders to bring about the positive changes using the geospatial technologies.



**GIS Seminar and Workshops
at Yangon University**



Web-GIS Seminar and Workshop.

Thank You.

Zaw Naing

B.E. (Electronics), MBA, ASEAN Eng., Humphrey Fellow (Int'l Development)

Managing Director, Mandalay Technology

Central Committee Member, Myanmar Engineering Society

Central Executive Committee Member, Myanmar Earthquake Committee

Visiting Fellow, Center for Global Change and Earth Observation (CGCEO), Michigan State University

Consultant, Global Information and Communication Technology Department, The World Bank

Fellow Member, Consortium on Remote Sensing and Geo-information Systems for Agricultural and Environmental Intelligence in Asia (CoRGAA)

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