Mapping Competition with Focus on Quality: Lesson Learned

Yantisa Akhadi
Country Manager – Indonesia
Humanitarian OpenStreetMap Team
yantisa@hotosm.org
First Uni competition in 2012, mapping Padang for Tsunami and Earthquake preparation
UniBattleMapping & Past History

University Roadshow : Introduction to OSM and QGIS
UniBattleMapping & Past History
Preparation for UniBattleMapping

• Team requirements
  • A team consist of 3 university student
  • Having an OSM user account
  • Understand how to contribute and validate in OSM
  • Multiple teams from a university is allowed, yet during elimination round only one team can represent their university
  • Must follow HOT ID Instagram account (@hotosm.id)
  • Must retweet UniBattleMapping publication

• Set up the official (social) media channel
  • Website: https://openstreetmap.id/battlemap/
  • Twitter: https://twitter.com/unibattlemap
  • LINE: @cfd4062t
Preparation for UniBattleMapping

Scoring Criteria and Competition Rule
- Map at the designated area
- Use the pre-registered OSM account & one account can only be used by one person
- Using JOSM
- Adhere to OSM mapping guideline
- Focus on
  - Building
  - Highway (primary, secondary, tertiary, residential, living street and unclassified road)
  - Amenity (School, health facilities and place of worship). For amenity it is compulsory to add name and address
Preparation for UniBattleMapping

Scoring Criteria and Competition Rule

- **Object scoring**
  - Building: number of object x 0.2
  - Highway number of object x 0.5
  - Amenity: number of object x 0.5

- **Point deduction**
  - Not aligned with the imagery (-2 point for building and highway, -3 for amenity)
  - Wrong tagging (-2 point for building and highway, -3 for amenity)
  - Error during JOSM validation
    - Errors (-2 point)
      - Node/way duplication
    - Warnings (-1 point)
      - Crossing ways/buildings, overlapping highways, untagged ways, way end node near other highway
    - Buildings without roads (-20)
2017 UniBattleMapping: Roadshow

Uni-Battle Mapping Roadshow Schedule:
- **Salasa, 12 Sept**
  - UPN Jogjakarta (09.00 WIB)
  - UPI Jogjakarta (13.00 WIB)
  - ITS Surabaya (13.00 WIB)

Uni-Battle Mapping Roadshow Schedule:
- **Rabu, 13 Sept**
  - UI Depok (10.00 WIB)
  - UGM Jogjakarta (16.00 WIB)
  - UNIBraw Malang (16.00 WIB)

Uni-Battle Mapping Roadshow Schedule:
- **Sabtu, 16 Sept**
  - UIN Padang (08.00 WIB)
  - Uniswa Malang (08.00 WIB)
  - Unisma Manado (08.00 WIB)
2017 UniBattleMapping: Registration & Initial Test (1)

+ **Initial test**
SELMAT!

Kami ucapkan selamat kepada tim yang telah lolos menuju ke babak selanjutnya.

1. Gadjah Mada Mapping
2. Space Time
3. FBS Geo'15
4. Magnifico Squad
5. Anomali
6. Asensiorekta
7. Samala Adwitya
8. DAZ
9. Bagus Mapping
10. SoloWesi
11. A3
12. Bucin Army
13. Apriori
14. PLANO DSM ITS
15. GEODIPPO
16. Master Bon
17. -equinox-
18. GeoUnima
19. Geodesi Unila
20. bukajalanyuk
21. Kuda Poni
22. Sirius
23. Keongmas
24. RockAddict
25. Empire State
26. Tim Ose UNDIP
27. DSM APD
28. Calon Sarjana
29. UTMercator
30. AlwaysMappping
31. RUTAKU's MAPPPING TEAM
32. ANACONDA
33. Maung Bandung

Urutan peserta yang lolos tidak berdasarkan peringkat.
2017 UniBattleMapping: Registration & Initial Test

PENGUMUMAN

Barikut nama-nama tim yang harus melalui babak eliminasi atau langsung maju ke babak final

**Elimination Round**

**Institut Teknologi Bandung (ITB)**
1. Empire State
2. ANACONDA
3. Maung Bandung

**Universitas Brawijaya**
1. Samala Adwitya
2. Master Bon

**Universitas Diponegoro**
1. GEODIPO
2. Tim Ose UNDIP

**Universitas Gadjah Mada**
1. Gadjah Mada Mapping
2. Anomali
3. Asensiorekta
4. DAZ
5. Apriori
6. -equinox-
7. DSM APD
8. UTMercator

**Universitas Indonesia**
1. FBS Geo'15
2. RUTAKU's MAPPING TEAM

**Universitas Islam Indonesia**
1. Magnifico Squad
2. BagusMapping
3. SoloWesi
4. Bucin Army
5. Sirius
6. AlwaysMapping

**Final Round**

**Institut Teknologi Sepuluh November**
PLANO DSM ITS

**Universitas Lampung**
Geodesi Unila

**Universitas Muhammadiyah Surakarta**
SpaceTime

**Universitas Negeri Manado**
GeoUnima

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For more info, please visit openstreetmap.id/battlemap/update
2017 UniBattleMapping: Elimination Round

Universitas Gadjah Mada

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Universitas Islam Indonesia

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Universitas Diponegoro

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UPN Veteran Yogyakarta

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2017 UniBattleMapping: Elimination Round

GIF source: https://giphy.com/gifs/judge-judy-hurry-up-Emg9qPKR5hquI
SELAMAT!
Kami ucapkan selamat kepada seluruh tim yang berhasil maju ke babak final

Institut Teknologi Bandung
Empire State

Universitas Islam Indonesia
Sirius

Universitas Brawijaya
Master Bon

Universitas Gadjah Mada
Gadjah Mada Mapping

UPN Veteran Yogyakarta
Kuda Poni

Universitas Indonesia
RUTAKU’s MAPPING TEAM

Universitas Diponegoro
GEODIPO

Universitas Negeri Manado
GeoUnima

Universitas Lampung
Geodesi Unila

Universitas Muhammadiyah Surakarta
Space Time

Institut Teknologi Sepuluh November
Plano DSM ITS

Informasi lebih lanjut tentang babak final, silakan kunjungi openstreetmap.id/battlemap/update

#openstreetmap.id/battlemap/update
@unibattlemap
Uni-Battle Mapping
2017 UniBattleMapping: Final Round

Final Round
29 Oktober 2017

Universitas Muhammadiyah Surakarta (Space Time)
- Amenity: 10
- Building: 59789
- Highway: 1919
- Total: 61718

Universitas Gadjah Mada (Gadjah Mada Mapping)
- Amenity: 275
- Building: 32239
- Highway: 1722
- Total: 34236

Institut Teknologi Sepuluh Nopember (Plano OSM)
- Amenity: 8
- Building: 2294
- Highway: 11
- Total: 2313

Universitas Diponegoro (GEODHO)
- Amenity: 0
- Building: 24410
- Highway: 76
- Total: 24486

Universitas Indonesia (RUTAKU’s MAPPING TEAM)
- Amenity: 0
- Building: 1064
- Highway: 0
- Total: 1064

UPN Veteran Yogyakarta (Kuda Poni)
- Amenity: 0
- Building: 0
- Highway: 0
- Total: 0

Universitas Negeri Manado (GeoUnima)
- Amenity: 318
- Building: 37522
- Highway: 758
- Total: 38698

Universitas Lampung (Geodesi Unila)
- Amenity: 24
- Building: 7790
- Highway: 89
- Total: 7903

Universitas Brawijaya (Master Boe)
- Amenity: 42
- Building: 26
- Highway: 520
- Total: 588

**Peringkat sementara berdasarkan jumlah objek yang telah dipeta dan belum dikurangi poin dari kesalahan tim**
2017 UniBattleMapping: Final Round

Results Announcement

UNIVERSITY BATTLE MAPPING 2017

CASH PRIZE RP 15,000,000,-
2017 UniBattleMapping: Result

Congratulations to our winners!!

University Battle Mapping 2017

1st: Space Time
2nd: Empire State
3rd: Gadjah Mada Mapping
UniBattleMapping Aftermath

A network of more than 5,000 university student mappers organized in 120 campus chapters across 38 countries.

Find a chapter near you by browsing the map or scrolling below.

Access the full list of chapters.

2017 UniBattleMapping

- Roadshow
- Registration
- Elimination Round
- Final Round
- Validation
- Winner Announcement

1st week of September

16th November

OSM Geography Awareness Week
Key Lesson Learned

(1) “Quantity and quality are both important”

(2) “Competition as a way of learning”

(3) “Making it sustainable”
Behind the Scene