Volunteered geographic information and OpenStreetMap

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OpenStreetMap Hrvatska
Development

- Development of modern technologies
- Cheap GPS devices
- High quality digital cameras
- Large number of mobile devices
- Mobile broadband
Examples

- WikiMapia
- OpenStreetMap
- Google Map Maker
- Gathering of information to create better maps
Panoramio

- http://www.panoramio.com/
- Georeferenced photographs
- Part of Google services
- Visible in browser or in Google Earth
Mapillary

- [http://www.mapillary.com](http://www.mapillary.com)
- Crowdsourced street view
- 3 254 154 photos
- 101 658 370 meters
- Creative Commons Attribution-ShareAlike 4.0 International License (CC BY-SA 4.0)
- OSM mappers use it to gather data
Social networks

- Foursquare, Twitter, Facebook, G+, ...
- Location sharing
- Photo sharing
- Automatic parsing of location based content
Negative side

PLEASE BE CAREFUL WHEN SHARING PHOTOS ON SOCIAL MEDIA. THEY CAN LEAD POACHERS TO OUR RHINO

TURN OFF GEOTAG FUNCTION AND DO NOT DISCLOSE WHERE THE PHOTO WAS TAKEN
Suhozid

- http://suhozid.hr
- Open public record of croatian stone drywall buildings heritage
- Every wall, every building, every settlement which containd elements of drywall stone building
**Informacije o lokalitetu**

**Gromaća u kamenjaru**

**Autor unosa**
Nije poznat

**Koordinata WGS84**
lat: 18.008396 lon: 42.722070

**Datum unosa**

**Izvor podataka**
GIS

[Share]
Moj Zagreb

- [https://moj.zagreb.hr/](https://moj.zagreb.hr/)
- Discussion on the web about the price and deployment
- Registration necessary
- It's known who reacts to reports
Moja ulica

- https://mojaulica.net/
- Anonymus reports
- Mojaulica will implement Open311
- Public services are not necessary to react to the reports
Portal Mojualica je internetska platforma za informiranje o komunalnim i drugim stvarima lokalnog značaja. Osnovni izvor informacija su sami građani, a za potpuniju informaciju koriste se i drugi servisni izvori.

Informirajte sebe i druge na portalu Mojualica
FixMyStreet

- https://www.mysociety.org
- http://fixmystreet.org
- http://fixmystreet.com
- http://www.open311.org
Overgrown trees

Reported via iOS in the Trees category anonymously at 08:05 today
Sent to Sheffield City Council 5 minutes later

Overgrown trees can’t use footpath

Provide an update

Please note that updates are not sent to the council. Your information will only be used in accordance with our privacy policy
Green cleanup

- [http://letsdoitworld.org/wastemap](http://letsdoitworld.org/wastemap)
- World cleanup 2013
- Locations of illegal garbage dump sites
Volume 5m³
Composition: 100% plastic/metal/packaging, 9 tires
Country: Croatia

smeće, gume salonit krov
Record a camera

- Data gathering about surveillance cameras
- If they record us let us record them
- Georeferenced photos
FLOODS

- [http://www.poplave.rs](http://www.poplave.rs) Ushahidi + Wordpress
  2866 reports, 1.5 million visitors, 1605 simultaneous visitors at Ushahidi
- [http://mapapoplava.zastone.ba](http://mapapoplava.zastone.ba) Ushahidi
  ~280 reports in first few days
- [http://www.poplave.eu](http://www.poplave.eu) Wordpress
- [http://poplave.hr](http://poplave.hr) Wordpress
Information gathering

- Social networks
- Radio amateurs
- Ushahidi portals
- Local knowledge
Kako prijaviti
Pošalji email na:
izvestaji@poplave.rs
Ispuni ovaj formular.
OBRENOVAC HITNO - MILOVANA GLIŠIĆA
Na ovoj lokaciji se nije pojavilo ni jedno spasilačko telo, ili pomoć u vidu makar vode u posljednjih 48h. Sve su prizemne kuće. Veliki broj...

OBRENOVAC NASELEJ SAVA RAVNOGORSKA 18 I 28
LJUDI I DALJE CEKAJU TU SU I MALA DECA I STARA BOLESNA OSOBA

pomoc u Obrenovcu
Hitno potreba pomoć u naselju Sava, Ravnogorska 18. Ima male dece, nestaje hrane, a voda nadolazi! Molimo vas da pošaljete čamce...

Potrebna pomoc u Obrenovcu u stanu je troje dece i dosta odraslih
Nikakva pomoć ne ide u Sava naselje i Rojkovac, mediji lazu!

Pomoc u Obrenovcu
U Sava naselju u Obrenovcu, Ravnogorska 30 ima dosta odraslih i MALE DECE u stanu na 4. spratu! Nemaju ni vodu za pice ni hranu od juze, mole...

Ravnogorska 40 Sava Naselje
u ulazu 40 ima 15oro male dece ali i u drugim. Celo Sava Naselje je u problemu, veliki broj ulaza (više od 20 sa po 14 stanova) to je...

POTREBNA POMOC
U poplavama u Modrići stradalo skoro 800 životinja

Čitajte više na Radiosarajevo.ba
Na karti potražite vama najbližu lokaciju za prikupljanje pomoći:
HOTOSM

- 29 000 km²
Analysis and the future

- Measures of quality in regards to writers' standards
- New measures of quality for data
- Integration with existing standards
- Integration with existing authoritative data
Thank you!