

CAST

(CISR AGO Survey Tool)

Using Mobile GIS to Enhance Field Data Collection:
Lessons Learned from the Field

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Context

- PM/WRA requested support to test their GIS survey tool developed by JMU CISR
- Mobile application for support of survey data collection
- NPA Vietnam offered to test the tool
- Technical Survey (or CMRS) was selected, being the mainstream activity of NPA Vietnam
- Identified potential of CAST to improve speed and quality of spatial data collection
- Pilot officially started in June 2016 when CMRS started in Vinh Linh district



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What is CAST?

Esri Platform, Cloud
Based GIS Tool

- Flexible
- Integrated
- Efficient



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How does CAST work?

- Pilot Study: NPA Vietnam
- Manual Data Processing
- Data quality
- Navigation
- Field Coordination

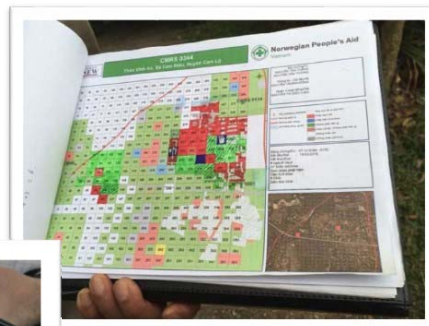


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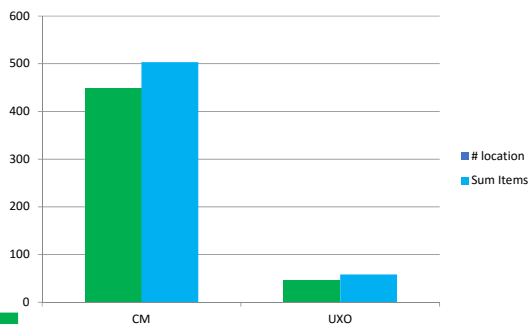
CAST Pilot: NPA Vietnam

- Selecting Tasks
- Preparing AGO and CAST



CAST Pilot: NPA Vietnam

- Data QC & Processing

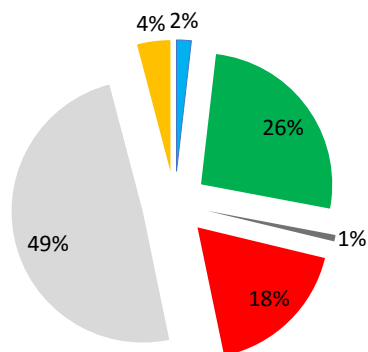


Item Category	# location	Sum Items
CM	449	503
UXO	46	58
Grand Total	495	561



CAST Pilot: NPA Vietnam

- Data QC & Processing



Sum Area (sqm)

6,337,500



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How can CAST work for you?

- Flexibility, integration and efficiency
- FREE to use from PM/WRA

Interested?

- Email cwdmaps@gmail.com to discuss your needs with the JMU CISR CAST team
- **Attend an optional hands-on CAST session *here* tomorrow at 0930!**



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