

Paperless Data Collection

Tools & Resources

1. [EpiCollect user's guide](#)
2. Best data app for interactive voice data collection: [Magpi](#) (Web, iOS, Android)
3. Lists of useful apps for data collection in the field:
 - [Bruna Lab Super-List](#) (start here)
 - [\[list 2\]](#)
 - [\[list 3\]](#)
 - [\[list 4\]](#)
 - [\[list 5\]](#)
 - [\[list 6\]](#)
 - [\[list 7\]](#)
4. Paid platforms for paperless data collection
 - [Fulcrum](#); [link to post](#) describing how it was used by an NGO.
 - [ODK](#)

Sources & Additional Reading

1. [Streamlining Field Data Collection with Mobile Apps](#)
2. [Research at Home: Using a Smartphone for Data Collection](#)
3. [Keep calm and go paperless: Electronic lab notebooks can improve your research](#)
4. [NOAA Pathways to paperless Data Collection](#)
5. Thieler ER, Zeigler SL, Winslow LA, Hines MK, Read JS, Walker JI (2016) Smartphone-Based Distributed Data Collection Enables Rapid Assessment of Shorebird Habitat Suitability. PLoS ONE 11(11): e0164979. [link](#)
6. Teacher, A. G., Griffiths, D. J., Hodgson, D. J., & Inger, R. (2013). Smartphones in ecology and evolution: a guide for the app-rehensive. Ecology and evolution, 3(16), 5268–5278. [link](#)
7. Palumbo, M.J., Johnson, S.A., Mundim, F.M., Lau, A., Wolf, A.C., Arunachalam, S., Gonzalez, O., Ulrich, J.L., Washuta, A. and Bruna, E.M. (2012), Harnessing Smartphones for Ecological Education, Research, and Outreach. The Bulletin of the Ecological Society of America, 93: 390-393. [link](#)
8. Rayhan, R. U., Zheng, Y., Uddin, E., Timbol, C., Adewuyi, O., & Baraniuk, J. N. (2013). Administer and collect medical questionnaires with Google documents: a simple, safe, and free system. Applied Medical Informatics, 33(3), 12-21. [link](#)

9. Moylan, C. A., Derr, A. S., & Lindhorst, T. (2013). Increasingly mobile: How new technologies can enhance qualitative research. *Qualitative social work: research and practice*, 14(1), 36-47. [link](#)
10. Aanensen DM, Huntley DM, Feil EJ, al-Own F, Spratt BG (2009) EpiCollect: Linking Smartphones to Web Applications for Epidemiology, Ecology and Community Data Collection. *PLoS ONE* 4(9): e6968. [link](#)