**Variables description for the FotoQuest Go Europe 2018 campaign**

The table below shows all variables included in the open data set from the FotoQuest Go Europe campaign.

A paper describing the campaign and the results of our analysis (Laso Bayas et al. 2020) is openly available in the Land scientific journal:

Laso Bayas, J.C.; See, L.; Bartl, H.; Sturn, T.; Karner, M.; Fraisl, D.; Moorthy, I.; Busch, M.; van der Velde, M.; Fritz, S. Crowdsourcing LUCAS: Citizens Generating Reference Land Cover and Land Use Data with a Mobile App. Land **2020**, 9, 446. <https://doi.org/10.3390/land9110446>

The data shown in the attached file correspond to the data used in the cited paper.

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| **Variable** | **Short description** | **Type of variable** | **Example value** |
| fotoquest\_item\_id | FotoQuest Go 2018 unique quest identifier | Numeric | 6611 |
| fotoquest\_sample\_id | FotoQuest Go 2018 unique sample location identifier | Numeric | 1054577 |
| user\_id | Unique user identifier | Numeric | 408 |
| skip\_reason | If a location was skipped, user entered a reason, else ‘noskip’ | Text | privateproperty |
| score | The token payment paid to a user on a visited location (x 100), e.g., €1= 100 | Numeric | 300 |
| month\_sub | Month when the submission was done | Numeric | 6 |
| day\_sub | Day when the submission was done | Numeric | 19 |
| year\_sub | Year when the submission was done | Numeric | 2018 |
| time\_sub | Time of the day when the submission was done (hh:mm:ss) | Time | 21:36:20 |
| point\_visible | Whether the location was visible or not | Text | TRUE FALSE |
| legend\_ids | FotoQuest Go 2018 land cover, land use and change unique identifiers | Numeric | {4124,3380,4108} |
| change | Whether users detected change between 2015 and 2018, yes=1, no change=2, not sure=4. If a location is skipped then change=3 | Numeric | 2 |
| legend\_item\_names | FotoQuest Go 2018 land cover, land use and change unique names | Text | {Road / Street, RESIDENTIAL, Change} |
| legend\_lucas\_ids | Corresponding LUCAS 2015 land cover, land use and change unique identifiers. Note that change UID={null} | Text | {A22,U370,null} |
| legend\_names | Source for the legends names shown in ‘legend\_item\_names’ | Text | {FotoQuest 2018 Decision Tree, LUCAS 2015 Landuse, FotoQuest 2018 Change} |
| match | Whether a FotoQuest Go 2018 location matches with LUCAS 2018. Yes=1, No=0 | Numeric | 1 |
| Mot1\_corr2\_n3 | Whether the feedback sent to users was post-coded as: Motivational=1, recommendations=2, or neutral=3 | Numeric | 1 |
| fb\_fotos | Whether the feedback sent was related to improving picture quality or not. Yes=1, No=1 | Numeric | 1 |
| fb\_lc | Whether the feedback sent was related to improving land cover answers or not. Yes=1, No=1 | Numeric | 1 |
| fb\_distance | Whether the feedback sent was related to distance to the quest location or not. Yes=1, No=1 | Numeric | 1 |
| hq\_point | Whether the quest was qualified as ‘high quality’ or not. Yes=1, No=1 | Numeric | 1 |
| challenge\_pt | Whether the location visited corresponds to a ‘challenge point’ or not. Yes=1, No=1 | Numeric | 1 |
| fotoquest\_item\_accepted | Whether the quest was accepted or not based on the quality control. Yes=1, No=1 | Numeric | 1 |
| legend\_radius | The distance to the closest land cover (meters). Categories: 1.5=<1.5, 10=between 1.5 and 10, 50=between 10 and 50, 100=>50 | Numeric | 10 |
| long | Longitude coordinates of the submitted quest (Decimal degrees) | Numeric | -6.235402 |
| lat | Latitude coordinates of the submitted quest (Decimal degrees) | Numeric | 53.34237 |
| lucas15\_id | LUCAS 2015 corresponding unique location identifier | Numeric | 32503480 |
| lucas18\_id | LUCAS 2018 corresponding unique location identifier | Numeric | 32503480 |
| feedback\_id | Unique identifier for the feedback sent to users | Numeric | 1273 |
| fb\_time\_created | Date and time when feedback to user was sent (DDMMMYY:hh:mm:ss) | Date:Time | 15JUL18:21:08:00 |
| fb\_title | Title of the feedback message sent to users | Text | Congratulations! |
| fb\_content | Content of the feedback sent to users | Text | Your quest meets the quality standard |