



TeaTime4App

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TEA BAG INDEX App

Aim:

To foster awareness around the importance of soils and their ecosystem services

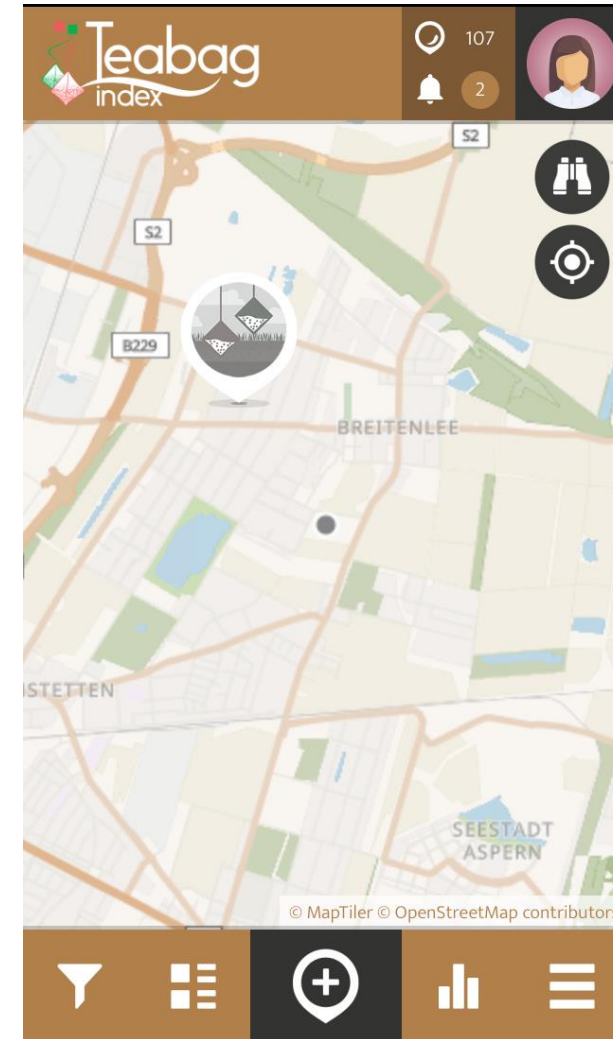
Target groups:

- Students above the age of 10
- Citizen Scientists

Method:

Hands-on activities to assess soil attributes

- Basic soil attributes
- Soil observations
- Tea Bag Index




TEA BAG INDEX App


Basic Soil Attributes


Land use | Soil Color | Soil Life

ADD SPOT ✕


What do you want to spot?
Please select your main category for your observation: i



BASIC SOIL ATTRIBUTE



SOIL OBSERVATION


TEA BAG INDEX


What do you want to observe?



LAND USE


COLOR MATCH


SOIL LIFE


Please take a picture (optional)

 **SAVE**




SOIL LIFE

☐

Spiders 


☐

Spring tails ☐☐☐☐☐☐☐

OK


CANCEL

SOIL LIFE



Earthworms
Lumbricidae

Earthworms live in the soil and are cylindrically structured worms. Currently 54 known species live in Austria. Their average lifetime is between three and eight years. The best known species in Austria is the common earthworm (*Lumbricus terrestris*). The common earthworm becomes 9 cm to 30 cm long.

[More information:](#) 


OK


BACK


TEA BAG INDEX App


Soil Observations


Texture by Feel | Spade Test | Soil Pollution

ADD SPOT 


What do you want to spot?
Please select your main category for your observation: 



BASIC SOIL ATTRIBUTE



SOIL OBSERVATION


TEA BAG INDEX



What do you want to observe?



TEXTURE BY FEEL


SPADE TEST



SOIL POLLUTION


Please take a picture (optional)


 **SAVE** 


ADD SPOT 

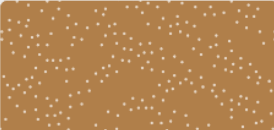
What do you want to observe?



TEXTURE BY FEEL



SPADE TEST


SOIL POLLUTION



How does the soil feel like? 


SAND


SILT


CLAY

☐ I am not sure if it is correct.


 **SAVE** 


TEA BAG INDEX App


Tea Bag Index (TBI)

ADD SPOT ×


What do you want to spot?
Please select your main category for your observation: i



BASIC SOIL ATTRIBUTE



SOIL OBSERVATION


TEA BAG INDEX

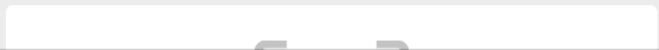
What do you want to observe?



WEIGHT & BURYING



EXCAVATION



FINAL WEIGHT

Please take a picture (optional)





 **SAVE**




ADD SPOT ×


BASIC SOIL ATTRIBUTE


SOIL OBSERVATION

TEA BAG INDEX


What do you want to observe?



WEIGHT & BURYING



EXCAVATION



FINAL WEIGHT


Excavation
Optional: Is there a problem with the tea bags?


LOST


BROKEN


OTHER

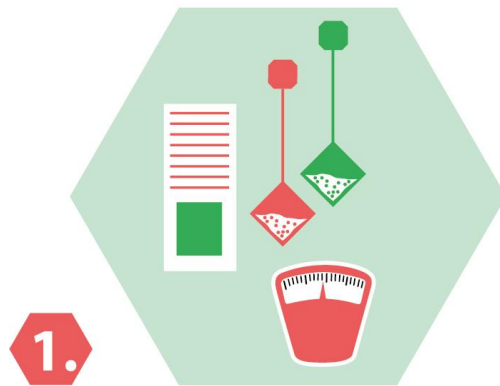
 **SAVE**



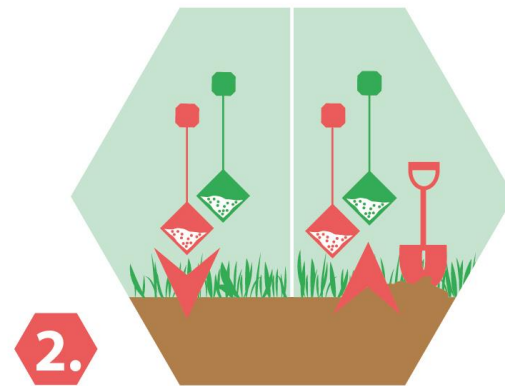
TEA BAG INDEX App

Tea Bag Index (TBI)

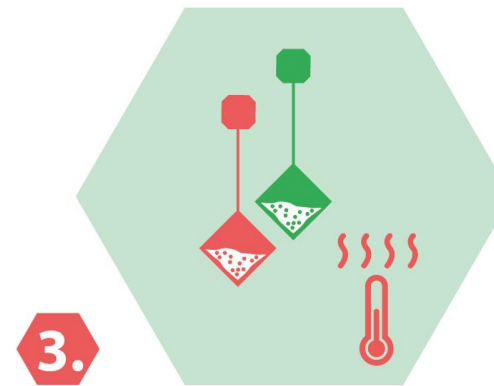
- Simple method to assess decomposition by mass loss of tea
- Green tea & Rooibos are buried for 3 months



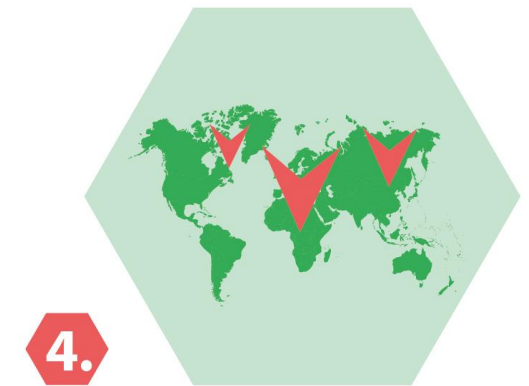
1. Read the information and weigh your teabags.



2. Bury your teabags and dig them out three months later.

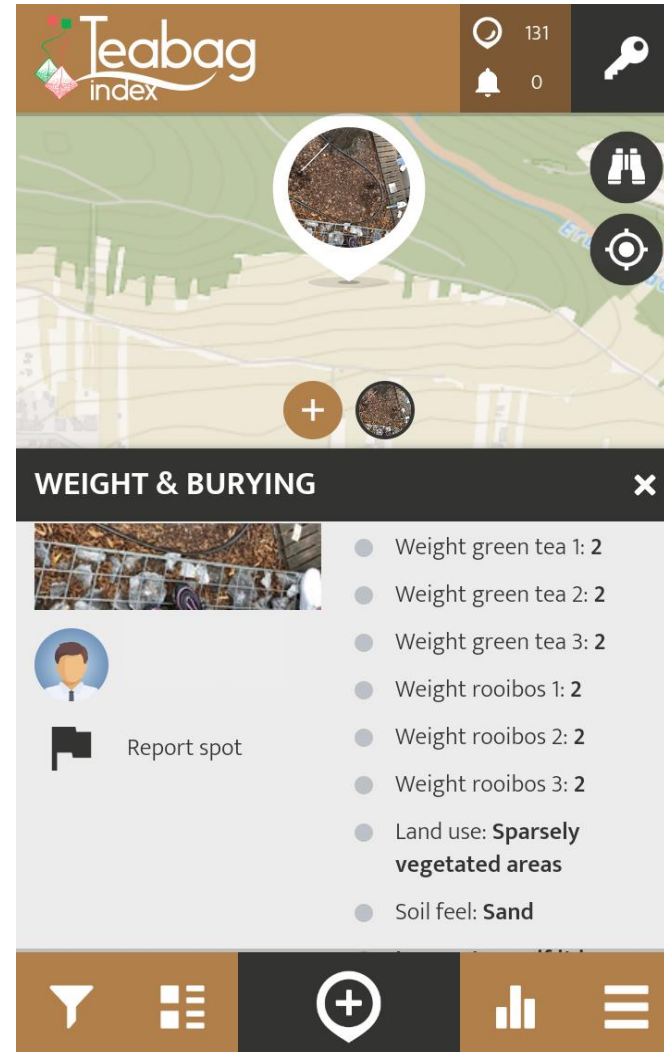
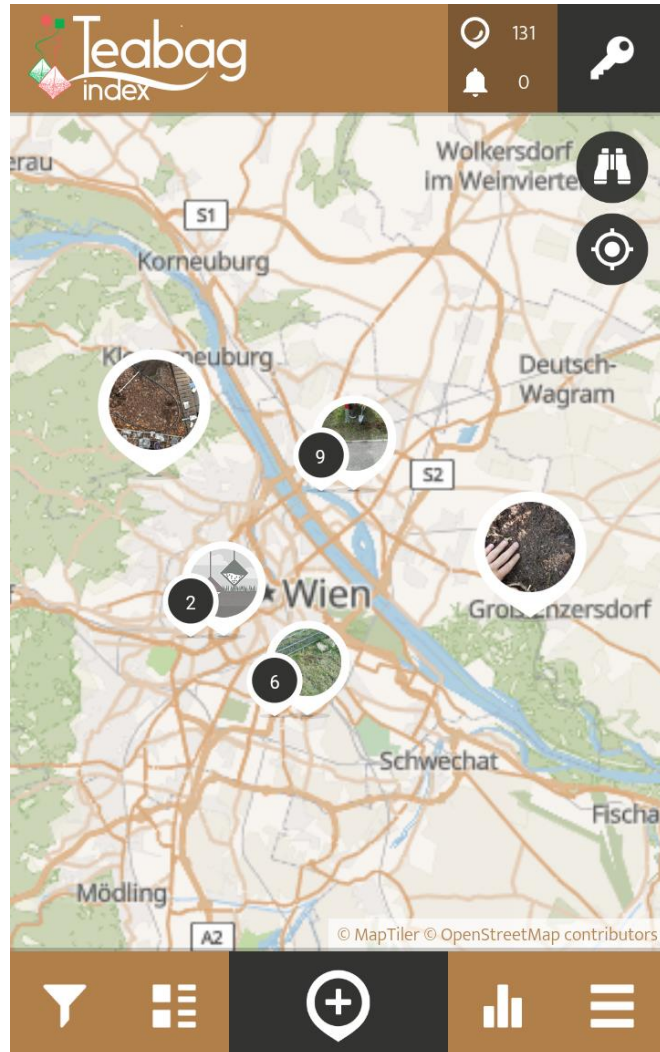


3. Dry your teabags for 3 days at room temperature and weigh the tea.



4. Submit your data.

Data Entries (Spots)



Data points are displayed in the app

App data are entered in the Global Tea Bag Index Database:
<http://www.teatime4science.org/>

Contribution to SDGs

Basic Soil
Attributes



Tea Bag
Index




Soil
Observations

SOCIAL MEDIA

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Tea Bag Index - Österreich

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Teabagindex - App

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teatime4schools Folgen

31 Beiträge 239 Abonnenten 18 abonniert

Tea Time 4 Schools - citizen science project - understanding the importance of soil, one tea bag at a time

www.teatime4schools.at


Home Notifications Messages




TBI

@TeaBagIndex

Tweets	Following	Followers
357	1,463	689

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Teatime 4 Science

Welcome to the Teabag Index website!

Here you can learn all about climate change research, what teabags have got to do with it and how you can participate in this global experiment!

Schools

Researchers

Symposium

Submit your data

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