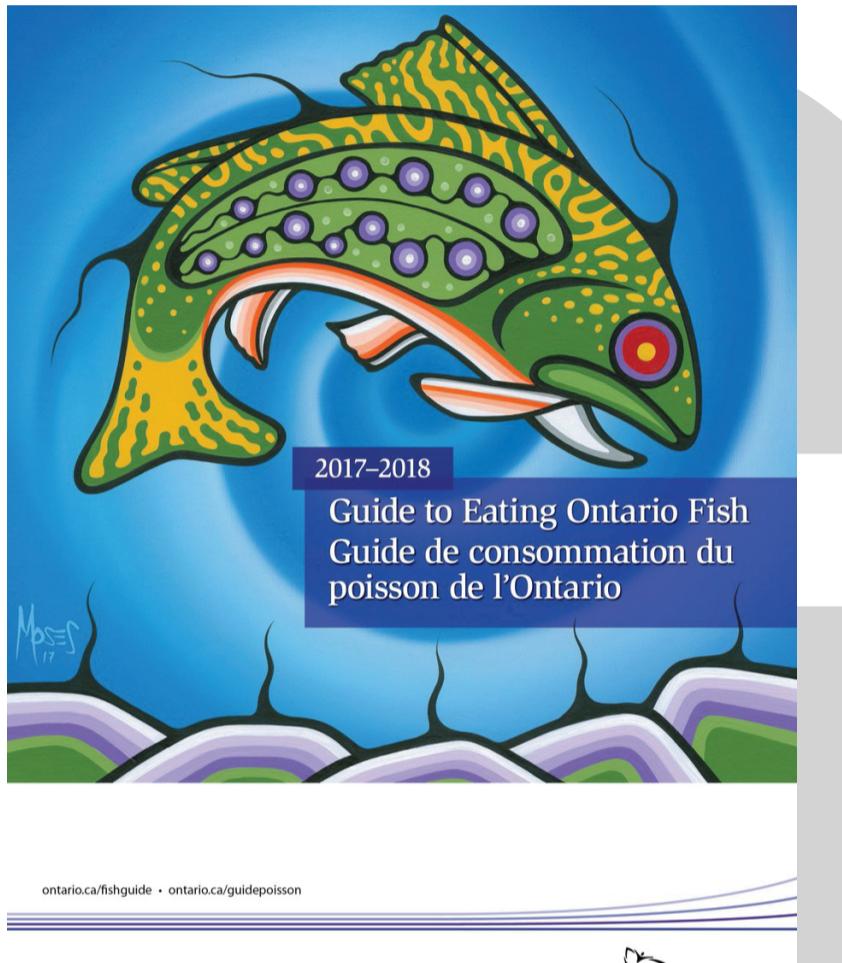


GUIDE TO EATING ONTARIO FISHES MOBILE APPLICATION

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GET THE APP HERE
geof.herokuapp.com/

INTRODUCTION



Fish are a healthy source of protein but in certain circumstances, consumption of high quantities needs to be restricted. The Ontario Ministry of the Environment and Climate Change (MOECC) regularly publishes the Guide to Eating Ontario Fish. Inside the guide is a table indicating the recommended meals per month you should consume for a given fish, taking into account the species of fish, fish length, and location where it was caught. However, the print and online versions of the Fish Guide are not always available in remote areas, and the table format can be difficult to interpret. We set out to create a mobile application version of the guide, using Ontario Data Catalogue, so that the information would be more accessible and easy to understand, especially to users in remote areas like the far north of Ontario.

METHODS

- ⬇ Our first step was to download the advisory data as from the Ontario Open Data Catalogue
- grid The data was then uploaded to Heroku
- mobile The front end or user interface was built using Bootstrap
- test-tube The back end, web frame work was built using Flask

THE MOBILE APPLICATION

The screenshot shows a mobile application interface for the GEOF app. The steps are numbered 1 through 6:

- 1 GEOF: Guide To Eating Ontario Fish
Check the safety of a fish from an Ontario waterbody.
- 2 Are you in a sensitive population?
Are you under 15 years old?
 Yes
 No
- 3 Are you a woman who is pregnant or intends to become pregnant?
 Yes
 No
- 4 What kind of fish did you catch?
Species...
- 5 How big was the fish?
In cm...
- 6 Where did you catch the fish?
Waterbody...

At the bottom is a "Results" button with a "Check Res" link.

- 1 The first step in determining how many meals a month is recommended is to identify if you are under 15.
- 2 Then select if you are pregnant or intend to become pregnant.
- 3 The next step is to select which species of fish you caught from the drop down menu of all of the fish in the database.
- 4 Then select the length of this fish.
- 5 Version 1.0 of the app has a drop down menu to select where the fish was caught. Future versions will geolocate the closest water body to your position.
- 6 When you click "Check Results" the app will display the recommended number of meals per month.

ADDITIONAL FEATURES

The GEOF App is in Version 1.0 and we are looking for additional features to add. What features would you like to see added? Have questions or comments about Version 1.0? Let us know at mgranados@wcs.org or on Twitter @Monsaucce

THANK YOU

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