# 2019 QSM Challenge - Stage 2

Welcome to the Submission Form for the second stage of the 2019 QSM Reconstruction Challenge!

1. **Email address** *

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## Submission identifier

You may participate in the second stage of this challenge only if you have participated in the first stage.

Your submission for Stage 2 must use an algorithm-type that you have also used in Stage 1. You may only optimize your algorithmic parameters in Stage 2. Hence, each submission for the second stage needs to reference one of your submissions of the first stage.

If you submitted only one set of susceptibility maps to the first stage of the challenge, use the Submission Identifier of that submission. If you submitted multiple sets of susceptibility maps during the first stage, use the Submission Identifier of the first-stage submission that used the most similar algorithm. Algorithmic parameters may be different between Stage 1 and Stage 2, of course, but the basic algorithmic idea should be the same.

Using the same Submission Identifiers in the first and the second stages will allow us to compare the performance differences of each algorithm or algorithm class in the two challenge stages. If you don't remember the submission identifiers used in the first stage, please search your inbox for emails from forms-receipts-noreply@google.com. You should have received an email with a summary of the form submitted for Stage 1. Please contact the challenge organizers if you have difficulties finding your previous submission identifiers.

Each submission needs to be uploaded as a single ZIP file.  Please see the specific stage-2 naming conventions for the files within the ZIP-file at https://qsm.rocks

You may submit multiple susceptibility maps for the same Submission Identifier (algorithm). Simply submit this form multiple times and add "_1", "_2" to the end of the zip-file name.

2. **Submission Identifier of the corresponding Stage 1 submission** *
   Make sure the file name of your uploaded ZIP-file is identical to the Submission Identifier (followed by: _1.zip, _2.zip, ...). If your filename does not match the identifier below, we will not be able to map your submission to your name.

   _____

3. **File name of the zip-file you are going to upload** *
   Please type the exact filename of the zip file you are going to upload in a few seconds. Please double check that it follows the correct naming scheme (above).

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# Stage 2-specific information

4. **Changes with respect to Stage 1 submission** *

Please describe here what changes you have made to your algorithm since you submitted your solution in Stage 1 with the Submission Identifier provided on the previous page. Your description should be detailed and in a publication-ready format.

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5. **Ground truth was not explicitly or implicitly incorporated into your algorithm or solution.** *

Please confirm that you did not make use of the ground truth when computing the submitted susceptibility maps. You may use the ground truth to tweak general algorithmic parameters (such as regularization parameters, number of iteration steps/epochs, etc.). It is not permissible to explicitly incorporate the ground truth in the submitted solution (e.g., copy certain regions or general contrast from the ground truth to the solution). In particular, the ground truth may not be used as part of the training data set in Deep Learning techniques (use in the test loss is permissible, though). Please contact the Challenge organizers if you are unsure about this requirement.
_Check all that apply._

☐ My algorithm does not incorporate explicit knowledge of the ground truth. I used the ground truth to only optimize/adjust general algorithmic parameters.

# Grant permission to publish your solution

6. **Herewith, I permit the QSM Challenge committee to publish my uploaded files (calculated maps) after the completion of the challenge.** *
_Check all that apply._

☐ Yes (required)

A copy of your responses will be emailed to the address you provided