

Software used in the manuscript „The use of consumer-level digital still cameras for precise *in situ* assessments in aquatic environments: a user guide” by Matthias Wehkamp, J. Klaus-Stöhner, and Philipp Fischer. The four files are packed in a single ZIP-file named „stereogrammetry\_programs.zip“

Version: 2013\_08\_10

<b>Name of the software respectively filename of the executable file</b>	<b>Developped by (author and contact person)</b>	<b>Short description of the function</b>	<b>Additional remarks</b>
ImageRename.jar	Jakob Klaus-Stöhner (jks_(at)_loth-informatik.de)	Batch rename images with date-time coded names.	Java must be installed on the computer. The directory “lib” with all files must be in the same directory as the program itself.
matlab_rectify_rename_step1.exe	Philipp Fischer (philipp.fischer@awi.de)	Renames image pairs according to the name conventions of the Camera calibration toolbox for Matlab (see below)	The toolbox have to be integrated in the Matlab environment properly. Please refer to the Matlab instructions how to integrate a toolbox.
Camera calibration toolbox for Matlab (Version Toolbox_calib_2010 061)	Original version of the toolbox: Jean-Yves Bouguet (jbouguet_(at)_gmail.com)  Modified version (Toolbox_calib_2010061) of the toolbox according tot he ms: Manoucher Doroshtnasir (Doroshtnasir_(at)_ifr.ing.tu-bs.de)	Calibration of the stereogrammetric hardware and rectification of the image pairs.	The original toolbox is available for free under <a href="http://www.vision.caltech.edu/bouguetj/calib_doc/">http://www.vision.caltech.edu/bouguetj/calib_doc/</a> .  In the software package we have assebled here, the modified toolbox is provided with the adaptations described in the ms.
matlab_rectify_rename_step2.exe	Philipp Fischer (philipp.fischer@awi.de)	Rename image pairs processed in the Camera calibration toolbox for Matlab back to image names with are date-time-position coded .	
StereoMarkerV2.jar	Jakob Klaus-Stöhner (jks_(at)_loth-informatik.de)	Program for measuring linear dimensions on stereo image pairs.	Java must be installed on the computer. The directory “lib” with all files must be in the same directory as the program itself. A file localconf.csv is created with the individual settings.