DATASETS employed in the paper
" Image Scaling by de la Vallée-Poussin Filtered Interpolation"

The validation of the **VPI** (**de la V**allée-**P**oussin **I**nterpolation) method, proposed in the paper "**Image Scaling by de la Vallée-Poussin Filtered Interpolation**", **arXiv:2109.13897** (2021) by D. Occorsio, G. Ramella, W. Themistoclakis, has been carried out on several kinds of 8-bit color images collected in ten publicly available datasets, having different characteristics on the size and the quality of the images, the variety of subjects, etc. The employed datasets are synthesized in the following table comprising 1943 images in total.

Dataset	N	Size	Link
BSDS500	500	481×321 or 321×481	www2.eecs.berkeley.edu/Research/Projects/CS/vision/bsds/
NY17	17	[500×334] – [6394×3456]	www.gcc.tu-darmstadt.de/home/proj/dpid/index.en.jsp
NY96	96	[500×334] – [6394×3456]	www.gcc.tu-darmstadt.de/home/proj/dpid/index.en.jsp
13US	13	[241×400] – [400×310]	www.cl.cam.ac.uk/~aco41/Files/Sig15UserStudyImages.html
URBAN100	100	[1024×564]– [1024×1024]	paperswithcode.com/dataset/urban100
PEXELS300	300	300×300	available here
SET- 5	5	[256×256] – [512×512]	https://paperswithcode.com/dataset/set5
SET- 14	12	[276×276] – [512×768]	https://paperswithcode.com/dataset/set14
DIV2k- T	800	[2040×768] – [2040×2040]	https://data.vision.ee.ethz.ch/cvl/DIV2K/
DIV2k-V	100	[2040×768] – [2040×2040]	https://data.vision.ee.ethz.ch/cvl/DIV2K/

These datasets are available by the link indicated in the table. The dataset named PEXELS300 has been obtained by selecting 300 images from PEXELS (www.pexels.com/search/color/) that provides a free using and downloading library containing over 3.2 million photos and videos, growing each month by roughly 200,000 files. Its content is uploaded by the users and reviewed manually. The 300 images taken from this dataset, originally with a different large size, have been centrally cropped by 1800x1800 pixels. PEXELS300 is available here with the aim to support the possibility of comparison by other authors.

In case of publishing results obtained utilizing this dataset, please refer to the following paper:
D. Occorsio, G. Ramella, W. Themistoclakis, "Image Scaling by de la Vallée-Poussin Filtered Interpolation",   arXiv:2109.13897 (2021).