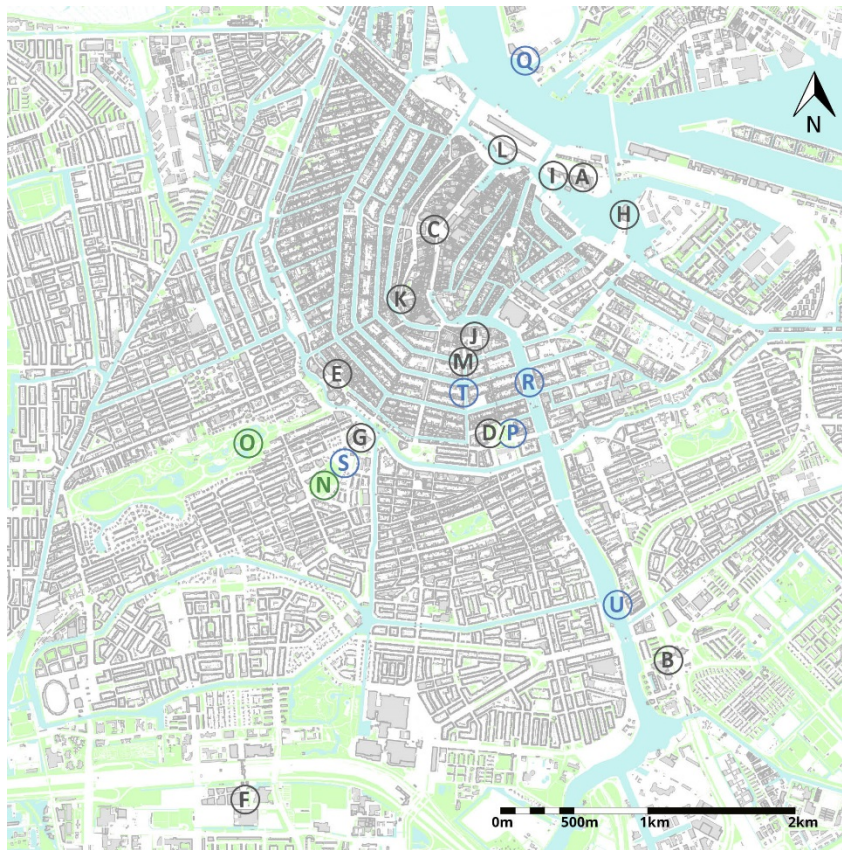


## Description of the sites and dates of the measurements



A	AMG Schmidtstraat
B	Amstelplein
C	Dam
D	Frederiksplein
E	Leidseplein
F	Mahlerplein
G	Museumstraat
H	Oosterdok – roof*
I	Oosterdokskade
J	Rembrandtplein
K	Spui
L	Stationsplein
M	Thorbeckeplein
N	Museumplein
O	Vondelpark
P	Frederiksplein fountain
Q	IJ promenade
R	Magere Brug
S	Museumplein pond
T	Reguliersgracht
U	Weesperzijde

*This map shows the measurement sites where experiments were carried out. The colour indicates the type of location: grey are impervious urban spaces, green are parks with grass, shrubs and trees, and blue are locations near urban water. The locations are numbered in alphabetical order.*

The table lists the dates and time periods of the measurements, name and description of the locations, including tree species and dimensions of the water bodies and the Local Climate Zone (Stewart and Oke, 2012). The colour indicates the type of location: grey are impervious urban spaces, green are parks with grass or shrubs and blue are spaces near urban water. It is indicated if measurements are done in the sun (yellow), in the shade of trees (green) or in the shade of buildings (red).

Date	Name of the location and indication on the map above		Situation		Short description of the location	Local Climate Zone	Measured time period
			shade	sun			
5-6-2015	Dam	C			Square	2: Compact mid-rise	12:00-15:27
	Dam	C			Square	2: Compact mid-rise	12:00-15:27
25-6-2015	Stationsplein	L			Square	2: Compact mid-rise	14:00-16:36
	IJ promenade	Q			Promenade along river IJ; river width = 300 m	G: Water	14:25-16:19
30-6-2015	Leidseplein	E			Square, with some trees: Huntington elm, London plane	2: Compact mid-rise	11:19-16:21
	Vondelpark	O			Park with grass and trees: Maple, Ash, Poplar, Oak	B: Scattered trees	11:16-16:20
1-7-2015	Mahlerplein	F			Square	1: Compact high-rise	11:33-15:45
	Museumplein	N			Park with grass and a few trees: Linden	5: Open mid-rise	11:20-16:15
2-7-2015	Dam	C			Square	2: Compact mid-rise	11:04-16:24
	Magere Brug	R			Narrow bridge crossing river Amstel; river width = 84 m	5: Open mid-rise	11:05-16:11
3-7-2015	Oosterdoksade/AMG Schmidtstraat	I / A			Square in front of tall building/Alley between tall buildings	2: Compact mid-rise 2: Compact mid-rise	11:09-16:31
	Oosterdok – roof*	H			On the roof top of a museum	2: Compact mid-rise	11:09-16:31
6-7-2015	Spui	K			Street with trees	2: Compact mid-rise	11:19-16:17
	Rembrandtplein/Thorbeckeplein	J / M			Square/ Square with trees: London Plane	2: Compact mid-rise/ 2: Compact mid-rise	11:26-16:17
19-7-2016	Amstelplein	B			Square	5: Open mid-rise	10:34-16:26
	Weesperzijde	U			Quay along river Amstel; river width = 150 m	5: Open mid-rise	10:57-16:24
20-7-2016	Rembrandtplein	J			Square	2: Compact mid-rise	10:40-16:25
	Reguliersgracht	T			Bridge over canal; canal width = 26 m	5: Open mid-rise	10:46-16:26
24-8-2016	Museumstraat	G			Pedestrian and bicycle street	5: Open mid-rise	11:31-16:33
	Museumplein pond	S			Pond in park; dimensions: 85 x 18 m	5: Open mid-rise	11:12-16:35
25-8-2016	Stationsplein	L			Square	2: Compact mid-rise	10:45-16:55
	IJ promenade	Q			Promenade along river IJ; river width = 300 m	G: Water	10:58-16:36
26-8-2016	Frederiksplein	P			Square with trees: Common wingnut	5: Open mid-rise	10:49-16:30
	Frederiksplein pond	P			Pond with fountain on square with trees: Common wingnut; pond diameter = 16 m	5: Open mid-rise	10:49-16:30