

# 3D Floccs Project Workshop

Friday 5<sup>th</sup> October, 10:30am – 4:00pm



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Hosted by HR Wallingford, Howbery Park,  
Wallingford, Oxfordshire, OX10 8BA

**Note: Please park in designated car parks (see map link) and register at Kestrel House (consult map and see image of below)**

<http://training.hrwallingford.com/pdf-documents/FAQ/howbery-park-site-map-car-parking.pdf>



# Programme

(Please note that minor changes to the programme may occur, however, any last minute changes will be displayed on our Website)

## Thursday

Evening Pre-meeting social gathering, location TBA. For those arriving the night before we hope that you will be able to join us for some drinks and/or food. Please contact John Wheatland (07885750860) details.

## Friday

10:30 am	Arrival and coffee
11:00 am	Welcome and Introduction to the NERC 3D Floccs Project <i>Prof. Kate Spencer</i> (Project PI)
11:25 am	Application of 3D nano and microtomography to explore floc and sediment microstructure and composition <i>Dr. John Wheatland</i> (Project Experimental Post-Doc)
11:55 am	Implications of new 3D data for understanding cohesive sediment composition and behavior <i>Prof. Kate Spencer</i> (Project PI)
12:25 pm	1 <sup>st</sup> breakout session
1:10 pm	Lunch
1:40 pm	Feedback from 1 <sup>st</sup> breakout session
1:55 pm	<i>Dr. John Wheatland</i> (Project Experimental Post-Doc)
2:05 pm	Modelling cohesive suspended sediment settling velocity using 3D data <i>Dr. Chuan Gu</i> (Project Modelling Post-Doc)
2:35 pm	Future research directions <i>Prof. Kate Spencer</i> (Project PI)

2:45 pm	2 <sup>nd</sup> breakout session
3:15 pm	Feedback from 2 <sup>nd</sup> breakout session and wrap up
3:45 pm	Close
	<i>Prof. Kate Spencer (Project PI)</i>

## Attendees

Name	Affiliation(s)	Contact details
Bi, Qilong	Flanders Hydraulic Research	qilong.bi@mow.vlaanderen.be
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Lawrence, Thomas	Queen Mary, University of London	t.lawrence@qmul.ac.uk
Manning, Andy	HR Wallingford	a.manning@hrwallingford.com
Shen, Xiaoteng	KU Leuven	xiaoteng.shen@kuleuven.be

Spearman, Jez	HR Wallingford	J.Spearman@hrwallingford.com
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Spencer, Kate	Queen Mary, University of London	k.spencer@qmul.ac.uk
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Wheatland, Jonathan	Queen Mary, University of London	j.a.t.wheatland@qmul.ac.uk
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Wu, Xuxu	University of Hull	X.Wu@hull.ac.uk
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Wyness, Adam	University of St Andrew	aw205@st-andrews.ac.uk
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Zhang, Naiyu	University of Southampton	
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