Please complete and return to:

NERC Field Spectroscopy Facility University of Edinburgh Grant Institute James Hutton Road Edinburgh EH9 3FE

Tel: 0131 650 5926 Email: fsf@nerc.ac.uk



It is a condition of loan that all applicants are expected to present the results of their research at the FSF Users meeting, and all publications arising as a direct result of your loan should fully acknowledge the support of the facility. Failure to do so may jeopardise future loans.

**NOTE:** If you require either our SIF sensor or Headwall hyperspectral imager, please contact us directly and we can supply you with the correct form for those instruments.

## 1. Principal Investigator (P.I.) / Applicant

User (if different from	ı PI):
Status/job title:	
Address:	
	Post code:
Telephone:	
Email:	

2. User (if different from applicant)

Name of PI:
Status/job title:
Address:
Post code:
Telephone:
Email:

## 3. Equipment and measurements.

Please select the instrument(s) you wish to borrow and indicate what types of measurements you will be making. Detailed information regarding instrument specifications is available on our website at <a href="http://fsf.nerc.ac.uk">http://fsf.nerc.ac.uk</a>

Instrument		
UAV-mounted MAIA 8/9 band Multispectral Camera	Sentinel 2	
UAV-mounted MAIA 8/9 band Multispectral Camera	WV3	
DJI / FLIR Zenmuse XT2 Thermal Camera	-40° to 550° C	
MicaSense Altum Multispectral cameras		
RedEdge-M Multispectral cameras	400nm - 900nm	
DRONE ONLY;		
DJI M210	Domestic use	
DJI M210	International use	
DJI Mavic		
Field Spectroscopy Accessories - Please Specify:		

attending a trai tailored to indiv 18 months, or i	viduals' needs. We a	ourgh is compulsory). We provide fully customised, one-to-one training courses llso offer refresher courses for those who have not used the equipment for ove
YES 🗆	NO 🗆	Refresher course
5. Period of Lo	<b>an</b> Dates when equi	pment is required (inclusive)
First Preferenc	e:	
Second Prefere	ence:	
6. Research Pr	oject Title (maximu	m of 12 words)
7. Proposed si	<b>te(s)</b> Please provide	place name and map hyperlink;

**4.** Is training required? (NB if the person <u>USING</u> the equipment has <u>NOT</u> already been trained by FSF, then

8. Personnel involved in proje	ect (please provide the numb	er of the following to aid us in	reporting to NERC)
<b>9. Funding type</b> (tick all that a of a NERC Grant or studentshi		riority will be assigned to those	e projects currently in receij
a. Project funding			
NERC Research Grant  specify in section <b>c</b> ) pelow)	NERC other □ (specify in section <b>c</b> )	Other academic □ (please specify below)	Other □ (please speci
<ul><li>User/studentship funding</li><li>NERC studentship </li></ul>	Other st	udentship □ No associa	ated studentships □
(including NERC CASE or tied			
	pt of NERC funding please p ase also state the value of yo	rovide the full grant or studen ur funding.	tship reference number an

11. Previous Drone experience
Please tell us about any experience you have using UAVs for data collection, photography or recreationally. If you are new to UAV operations or need more training we recommend completing a GVC course (Flying in the Open category   Civil Aviation Authority (caa.co.uk)).

## 12. Research Programme: Proposed flight plan and local legislation

Please use the space below to give details of where your work will be conducted and how you will navigate any local legislation that may restrict your operations. It is imperative to liaise with the local aviation authority and the landowner to ensure you have the correct permissions to fly.

## 13. Declaration

Note. NERC FSF recommends, and in some cases requires, that FSF equipment be insured for 'all risks' for the duration of the loan. The duration of the loan is from receipt of equipment by the applicant until its return to FSF in Edinburgh, this includes during transportation I have read and agree to abide by the Conditions of Loan. Signature of Applicant \_\_\_\_\_\_ Date \_\_\_\_\_ Signature of Head of Department \_\_\_\_\_\_ Date \_\_\_\_\_ or Institute Director 14. Import/Export (International work only) Please use the space below to provide details of how the equipment will be transported if you are travelling to another country, including details of customs procedures (e.g. do you plan to use an ATA carnet, or ship directly?). High power Lithium batteries are often limited or prohibited from travelling by air. Are there any restrictions on flying over your field site? Are the drone laws stricter that the UK and do you have the appropriate qualifications to fly in that region?