

PROTECTING THE **FOREST**RESOURCE: RISK ASSESSMENT
AND MANAGEMENT USING
INNOVATIVE TOOLS









PROGRAMME OVERVIEW

SUNDAY, 23 JUNE

MONDAY, 24 JUNE

MORNING | FIELD VISIT: FORESTS
SHOWING IMPACT ON DIFFERENT
HAZARDS
AFTERNOON | GROUP WORK:
DISCUSSIONS BASED ON FIELD VISIT

TUESDAY, 25 JUNE OPEN SEMINARS

MORNING | TALKS OF RISK TOOLS
DEVELOPED IN THE PLURIFOR
PROJECT
AFTERNOON | TALKS ON FOREST RISK
TOOLS

WEDNESDAY, 26 JUNE

ALL DAY | VISIT TO JFK ARBORETUM: COLLECT FIELD DATA & TEST TOOLS

THURSDAY, 27 JUNE

MORNING & AFTERNOON | LABORATORY: USING TOOLS WITH FIELD DATA

FRIDAY, 28 JUNE

MORNING | TALKS: MITIGATING RISK

AND CRISIS MANAGEMENT
GROUP WORK: SCENARIO
TESTING, CRISIS MANAGEMENT, GROUP

PRESENTATIONS

AFTERNOON | DEPART: BUS TO DUBLIN AIRPORT AT 13:30H



PROGRAMME

SUNDAY, JUNE • 23

AFTERNOON

ARRIVAL: FREE BUS IN EVENING
AT 20:00 FROM DUBLIN AIRPORT
TO WATERFORD

DINNER (OWN PLANS)



MONDAY, JUNE • 24

FIELD VISIT:

SITE VISIT TO FORESTS AFFECTED BY SERIOUS DISTURBANCE (E.G. FIRE, SOIL EROSION, WIND DAMAGE, DEER BROWSING, PESTS AND DISEASES) COILLTE FIELD STAFF + TUTORS (SEE AFTERNOON SESSION) MORNING

DEPART 08:00 RETURN 13:00

LUNCH WIT CANTEEN

13:00-14:00

GROUP WORK:

COLLECTIVE AND TEAM
DISCUSSIONS ON ISSUES
RELATED TO THE SITE VISIT.
PARTICIPANTS WILL IDENTIFY
PROBLEMS FROM THE FIELD SITE
AND DISCUSS HOW TO DEAL
WITH THEM. THEY WILL BE
PROVIDED WITH SITE MAPS AND
ASKED TO DEVELOP
MANAGEMENT PLANS INCLUDING
THE RISKS IDENTIFIED IN THE
SITE VISIT

AFTERNOON

14:00-18:00



MONDAY, JUNE • 24

TUTORS:

DR. NICK MC CARTHY (WIT)

DR. BARRY GARDINER (EFI)

MR. MIKE POWER (COILLTE)

DR. JUAN SUAREZ (FR)

ING. J. CHRISTOPHE ORAZIO (EFI)

MR. JOHN CASEY (TEAGASC)

DR. NAHIA GARTZIA BENGOETXEA (NEIKER)

MR. CIARAN NUGENT (FOREST SERVICE IRELAND)

PROF. STEPHEN WOODWARD (UNIV. OF ABERDEEN)

PROF. TUGBA DOGMUS (SULEYMAN DEMIREL UNIV)

DINNER

SUMMER SCHOOL BANQUET



TUESDAY, JUNE • 25

8:30 - 8:40 8:40 - 9:00

WELCOME BY DR. NICHOLAS MC CARTHY (WIT)

OPENING BY MR. FERGUS MOORE (DAFM, IRELAND)

LECTURES: TALKS ON RISK TOOLS DEVELOPED IN THE PLURIFOR PROJECT

-SILVALERT: ING. J. CHRISTOPHE ORAZIO (EFIPLANT)

-FUEL MAPS WITH LIDAR DATA AND ASSESSING DEFOLIATION WITH UAVS: DR. SANDRA SÁNCHEZ (CETEMAS), JOSÉ MARÍA FERNÁNDEZ/ENRIQUE JIMÉNEZ (CIF-LOURIZÁN)

-MODELLING WIND RISK IN MIXED STANDS: DR. BARRY GARDINER (EFIPLANT)

-FOREST SOIL DISTURBANCE MONITORING PROTOCOL: DR. NAHIA GARTZIA BENGOETXEA (NEIKER)

-DETECTION OF EMERGING PESTS IN SOUTH-WEST EUROPE: DR. ING. HERVÉ JACTEL (INRA) **MORNING** 9:00-12:00

OPEN FOR

DAY

ATTENDEES



TUESDAY, JUNE • 25

LUNCHWIT CANTEEN

12:00-13:30

LECTURES: TALKS ON FOREST RISK TOOLS

-WIND DAMAGE RISK MODELLING IN IRELAND: DR. AINE NI DHUBHAIN (UCD)

-FIRE RISK PREDICTION TOOLS: MR. CIARAN NUGENT (FOREST SERVICE)

-DEER IMPACT ASSESSMENT METHODOLOGY: DR. HELEN ARMSTRONG (BROOMHILL ECOLOGY) AND MR. CIARAN NUGENT (FOREST SERVICE)

-CHALARA OUTBREAK IN IRELAND: MR. TOM HOULIHAN (TEAGASC)/ MR. TOM MC DONALD (DAFM)

-DETECTION OF ALIEN INVASIVE
PATHOGENS: PROF. STEPHEN WOODWARD
(UNIV. OF ABERDEEN) AND PROF. TUGBA
DOGMUS (SULEYMAN DEMIREL UNIV.)

AFTERNOON

13:30-17:00

OPEN FOR

DAY

ATTENDEES

DINNEROWN PLANS



FIELD WORK:

VISIT TO JFK ARBORETUM AT BALLYSOP TO COLLECT FIELD DATA AND TEST TOOLS

MORNING 8:00-12:00

- -SILVALERT
- -FORESTGALES
- -DEER IMPACT ASSESSMENT
- -FIRE RISK ASSESSMENT
- -DRONE FLIGHT DEMONSTRATION
- -PLANT HEALTH CHECKER
- -GENIE II PATHOGEN IDENTIFICATION

TUTORS:

DR. NICK MC CARTHY (WIT)

DR. BARRY GARDINER (EFIPLANT)

DR. TOM LOCATELLI (FOREST RESEARCH)

MR. JOHN CASEY (TEAGASC)

DR. JUAN SUAREZ (FOREST RESEARCH)

ING. J. CHRISTOPHE ORAZIO (EFIPLANT)

DR. HELEN ARMSTRONG (BROOMHILL ECOLOGY)

MR. CIARAN NUGENT (FOREST SERVICE IRELAND)

DR. SANDRA SÁNCHEZ (CETEMAS)

MR. JOSÉ MARÍA FERNÁNDEZ AND MR. ENRIQUE JIMÉNEZ (CIF-LOURIZÁN)

DR. ING. HERVÉ JACTEL (INRA)

PROF. STEPHEN WOODWARD (UNIV. OF ABERDEEN)

PROF. TUGBA DOGMUS (SULEYMAN DEMIREL UNIV)

MS. KATY MARFLEET (BGCI)

MR. MICHAEL ANDREOU (OPTISENSE LTD)



PICNIC LUNCH 12:00-13:00

FIELD WORK:

VISIT TO JFK ARBORETUM AT BALLYSOP TO COLLECT FIELD DATA AND TEST TOOLS

AFTERNOON

13:00-17:00

- -SILVALERT
- -FORESTGALES
- -DEER IMPACT ASSESSMENT
- -FIRE RISK ASSESSMENT
- -DRONE FLIGHT DEMONSTRATION
- -PLANT HEALTH CHECKER
- -GENIE II PATHOGEN IDENTIFICATION

TUTORS (SEE MORNING SESSION)

DINNER BARBECUE 19:00



THURSDAY, JUNE • 27

MORNING

LABORATORY WORK: USING TOOLS WITH

8:30-12:00

FIELD DATA TO ASSESS RISK

TUTORS:

DR. NICK MC CARTHY (WIT)

DR. BARRY GARDINER (EFIPLANT)

DR. TOM LOCATELLI (FOREST RESEARCH)

DR. AINE NI DHUBHAIN (UCD)

DR. JUAN SUAREZ (FOREST RESEARCH)

ING. J. CHRISTOPHE ORAZIO (EFIPLANT)

DR. HELEN ARMSTRONG (BROOMHILL ECOLOGY)

DR. SANDRA SÁNCHEZ (CETEMAS)

MR. JOSÉ MARÍA FERNÁNDEZ AND MR. ENRIQUE JIMÉNEZ (CIF-LOURIZÁN)

DR. ING. HERVÉ JACTEL (INRA)

PROF. STEPHEN WOODWARD (UNIV. OF ABERDEEN)

PROF. TUGBA DOGMUS (SULEYMAN DEMIREL UNIV)

MS. KATY MARFLEET (BGCI)

MR. MICHAEL ANDREOU (OPTISENSE LTD)

LUNCH

WIT CANTEEN

12:00-13:30

AFTERNOON

13:30-17:00

LABORATORY WORK: USING TOOLS WITH

FIELD DATA TO ASSESS RISK

TUTORS (SEE MORNING SESSION)

DINNER

OWN PLANS



FRIDAY, JUNE • 28

MORNING 8:30-10:00

TALKS:

-MANAGEMENT OPTIONS TO MITIGATE RISK: DR. BILL MASON (FOREST RESEARCH)

-CRISIS MANAGEMENT: MR. MICHAEL POWER (COILLTE)

10:00-12:00

GROUP WORK AND PRESENTATIONS:

SCENARIO TESTING, CRISIS MANAGEMENT PLANS, RISK MANAGEMENT

THE PARTICIPANTS WILL FOCUS ON HOW TO USE THE TOOLS THAT HAVE BEEN DEMONSTRATED TO THEM DURING THE SUMMER SCHOOL WHILE MAINTAINING ECOSYSTEM SERVICES FROM THE FOREST

TUTORS:

DR. NICK MC CARTHY (WIT)
DR. BARRY GARDINER (EFIPLANT)
ING. J. CHRISTOPHE ORAZIO (EFIPLANT)
DR. BILL MASON (FOREST RESEARCH)
MR. MIKE POWER (COILLTE)



FRIDAY, JUNE • 28

LUNCHWIT CANTEEN

12:00-13:30

AFTERNOON DEPART

FREE BUS AVAILABLE TO DUBLIN AIRPORT AT 13:30

FOR ALL INQUIRIES, PLEASE SEND AN EMAIL TO CLAUDIA.ANTONIOTTI@EFI.INT



NICK MC CARTHY (CHAIR) | WIT
MICK POWER | COILTTE
NUALA NÍ FHLATHARTA | TEAGASC
FERGUS MOORE | DAFM
PAT O'SULLIVAN | SOCIETY OF IRISH FORESTERS
BARRY GARDINER | EFIPLANT

WITH THE SUPPORT OF





