ENVIRONMENTAL RISK ASSESSMENT AND MANAGEMENT

PROGRAM - POSTER



Session

Laboratory studies

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SESSION CO-CHAIRS Sabine Beulke Carole Bedos

Field studies

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Landscape

SESSION CHAIR Colin Brown

SESSION CO-CHAIRS Neil Mackay Pamela Rice Amy Ritter

Monitoring

SESSION CHAIR Ton van der Linden

SESSION CO-CHAIRS Jenny Kreuger Benedict Miles



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79 65 66 71 72 76 20 5 9 82 83 97 99 84 86 87	FLOW VELOCITY ESTIMATION FOR A DITCH AS PART OF THE DUTCH SCENARIO FOR FRUIT ORCHARDS GIS APPROACH TO SIMPLIFY CONDUCT OF NATIONAL AND CONTINENTAL SCALE LEACHING VULNERABILITY ASSESSMENTS. MODELLING PESTICIDE CONTAMINATION IN TWO SMALL AGRICULTURAL CATCHMENTS USING SWAT. MODELLING PESTICIDE TRANSPORT FROM LAND TO DRINKING WATER RESOURCES IN FIVE UK CASE STUDY CATCHMENTS. PESTICIDE RUNOFF FROM CROPPED FIELDS AND VEGETATIVE BUFFERS: MODELLING AND MITIGATION STRATEGIES IMPACT OF BIOTURBATION ON PESTICIDE EXPOSURE OF BENTHIC ORGANISMS: A MODELLING APPROACH ASSESSMENT OF SILICONE RODS FOR PASSIVE SAMPLING OF PESTICIDES IN FRESHWATERS COMPARISON OF PREDICTIVE QUALITY OF 27 PESTICIDE RISK INDICATORS TRANSPORT LOSSES OF PESTICIDES – LINKING USAGE TO SURFACE WATER FINDINGS IN FOUR MONITORING CATCHMENTS, SWEDEN MONITORING OF PESTICIDES IN RIVERS IN KOREA EU GROUNDWATER MONITORING FOR SUSTAINABLE AGRICULTURE: 1,3-DICHLOROPROPENE SOIL FUMIGANT SPATIAL DISTRIBUTED MODELLING TO IDENTIFY VULNERABLE LEACHING AREAS FOR MONITORING IMPLICATIONS OF SPATIAL AND TEMPORAL AVERAGING OF CONCENTRATION DATA FOR A PESTICIDE IN GROUNDWATER AT THE FIELD SCALE CONSIDERING DIFFERENT SPECIFIC PROTECTION GOALS COMPLEMENTARITY OF PASSIVE SAMPLERS AND BIO-INDICATORS TO EVALUATE SURFACE WATER CONTAMINA-TION BY PESTICIDES IN AGRICULTURAL CATCHMENTS	Wim Louise Timothy Isabel Stephanie Sephanie Helena Martin Frédéric Therese Chan-Sub Steve Gregor Benedict Véronique	Beltman Wipfler Negley Grijalvo Diego Pullan Dyson Bergstedt Alexis Pierlot Nanos Kim Knowles Spickermann Miles Gouy Loiseau
79 65 66 71 72 76 20 5 9 82 83 97 99 84 86 87 89	TOXSWA CALCULATES METABOLITE FORMATION IN UPSTREAM CATCHMENT OF FOCUS STREAM FLOW VELOCITY ESTIMATION FOR A DITCH AS PART OF THE DUTCH SCENARIO FOR FRUIT ORCHARDS GIS APPROACH TO SIMPLIFY CONDUCT OF NATIONAL AND CONTINENTAL SCALE LEACHING VULNERABILITY ASSESSMENTS. MODELLING PESTICIDE CONTAMINATION IN TWO SMALL AGRICULTURAL CATCHMENTS USING SWAT. MODELLING PESTICIDE TRANSPORT FROM LAND TO DRINKING WATER RESOURCES IN FIVE UK CASE STUDY CATCHMENTS. PESTICIDE RUNOFF FROM CROPPED FIELDS AND VEGETATIVE BUFFERS: MODELLING AND MITIGATION STRATEGIES IMPACT OF BIOTURBATION ON PESTICIDE EXPOSURE OF BENTHIC ORGANISMS: A MODELLING APPROACH ASSESSMENT OF SILICONE RODS FOR PASSIVE SAMPLING OF PESTICIDES IN FRESHWATERS COMPARISON OF PREDICTIVE QUALITY OF 27 PESTICIDE RISK INDICATORS TRANSPORT LOSSES OF PESTICIDES – LINKING USAGE TO SURFACE WATER FINDINGS IN FOUR MONITORING CATCHMENTS, SWEDEN MONITORING OF PESTICIDES IN RIVERS IN KOREA EU GROUNDWATER MONITORING FOR SUSTAINABLE AGRICULTURE: 1,3-DICHLOROPROPENE SOIL FUMIGANT SPATIAL DISTRIBUTED MODELLING TO IDENTIFY VULNERABLE LEACHING AREAS FOR MONITORING IMPLICATIONS OF SPATIAL AND TEMPORAL AVERAGING OF CONCENTRATION DATA FOR A PESTICIDE IN GROUNDWATER AT THE FIELD SCALE CONSIDERING DIFFERENT SPECIFIC PROTECTION GOALS COMPLEMENTARITY OF PASSIVE SAMPLERS AND BIO-INDICATORS TO EVALUATE SURFACE WATER CONTAMINA- TION BY PESTICIDES IN AGRICULTURAL CATCHMENTS INDUSTRY EXPERIENCE WITH GROUNDWATER MONITORING: DIFFERENT STUDY TYPES FOR DIFFERENT PURPOSES INDUSTRY EXPERIENCE WITH GROUNDWATER MONITORING: DIFFERENT STUDY TYPES FOR DIFFERENT PURPOSES INDUSTRY EXPERIENCE WITH GROUNDWATER MONITORING: DIFFERENT STUDY TYPES FOR DIFFERENT PURPOSES INDUSTRY EXPERIENCE WITH GROUNDWATER MONITORING: DIFFERENT STUDY TYPES FOR DIFFERENT PURPOSES	Wim Louise Timothy Isabel Stephanie Sephanie Geremy Helena Martin Frédéric Therese Chan-Sub Steve Gregor Benedict Véronique Ludovic Jutta	Beltman Wipfler Negley Grijalvo Diego Pullan Dyson Bergstedt Alexis Pierlot Nanos Kim Knowles Spickermann Miles Gouy Loiseau Agert
79 65 66 71 72 76 20 5 9 82 83 97 99 84 86 87 89 92	FLOW VELOCITY ESTIMATION FOR A DITCH AS PART OF THE DUTCH SCENARIO FOR FRUIT ORCHARDS GIS APPROACH TO SIMPLIFY CONDUCT OF NATIONAL AND CONTINENTAL SCALE LEACHING VULNERABILITY ASSESSMENTS. MODELLING PESTICIDE CONTAMINATION IN TWO SMALL AGRICULTURAL CATCHMENTS USING SWAT. MODELLING PESTICIDE TRANSPORT FROM LAND TO DRINKING WATER RESOURCES IN FIVE UK CASE STUDY CATCHMENTS. PESTICIDE RUNOFF FROM CROPPED FIELDS AND VEGETATIVE BUFFERS: MODELLING AND MITIGATION STRATEGIES IMPACT OF BIOTURBATION ON PESTICIDE EXPOSURE OF BENTHIC ORGANISMS: A MODELLING APPROACH ASSESSMENT OF SILICONE RODS FOR PASSIVE SAMPLING OF PESTICIDES IN FRESHWATERS COMPARISON OF PREDICTIVE QUALITY OF 27 PESTICIDE RISK INDICATORS TRANSPORT LOSSES OF PESTICIDES – LINKING USAGE TO SURFACE WATER FINDINGS IN FOUR MONITORING CATCHMENTS, SWEDEN MONITORING OF PESTICIDES IN RIVERS IN KOREA EU GROUNDWATER MONITORING FOR SUSTAINABLE AGRICULTURE: 1.3-DICHLOROPROPENE SOIL FUMIGANT SPATIAL DISTRIBUTED MODELLING TO IDENTIFY VULNERABLE LEACHING AREAS FOR MONITORING IMPLICATIONS OF SPATIAL AND TEMPORAL AVERAGING OF CONCENTRATION DATA FOR A PESTICIDE IN GROUNDWATER AT THE FIELD SCALE CONSIDERING DIFFERENT SPECIFIC PROTECTION GOALS COMPLEMENTARITY OF PASSIVE SAMPLERS AND BIO-INDICATORS TO EVALUATE SURFACE WATER CONTAMINA- TION BY PESTICIDES IN AGRICULTURAL CATCHMENTS INDUSTRY EXPERIENCE WITH GROUNDWATER MONITORING: DIFFERENT STUDY TYPES FOR DIFFERENT PURPOSES IMPACT OF THE USE OF DIFFERENT GEODATASETS ON LEACHING VULNERABILITY ANALYSES COMPARISON OF NATIONAL MONITORING CATCHMENTS OF SWEDEN TO THE SWEDISH GROUNDWATER SCE- NARIOS.	Wim Louise Timothy Isabel Stephanie SJeremy Helena Martin Frédéric Therese Chan-Sub Steve Gregor Benedict Véronique S Ludovic Jutta Tim	Beltman Wipfler Negley Grijalvo Diego Pullan Dyson Bergstedt Alexis Pierlot Nanos Kim Knowles Spickermann Miles Gouy Loiseau Agert Häring
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79 65 66 71 72 76 20 5 9 82 83 97 99 84 86 87 89 92	FLOW VELOCITY ESTIMATION FOR A DITCH AS PART OF THE DUTCH SCENARIO FOR FRUIT ORCHARDS GIS APPROACH TO SIMPLIFY CONDUCT OF NATIONAL AND CONTINENTAL SCALE LEACHING VULNERABILITY ASSESSMENTS. MODELLING PESTICIDE CONTAMINATION IN TWO SMALL AGRICULTURAL CATCHMENTS USING SWAT. MODELLING PESTICIDE TRANSPORT FROM LAND TO DRINKING WATER RESOURCES IN FIVE UK CASE STUDY CATCHMENTS. PESTICIDE RUNOFF FROM CROPPED FIELDS AND VEGETATIVE BUFFERS: MODELLING AND MITIGATION STRATEGIES IMPACT OF BIOTURBATION ON PESTICIDE EXPOSURE OF BENTHIC ORGANISMS: A MODELLING APPROACH ASSESSMENT OF SILICONE RODS FOR PASSIVE SAMPLING OF PESTICIDES IN FRESHWATERS COMPARISON OF PREDICTIVE QUALITY OF 27 PESTICIDE RISK INDICATORS TRANSPORT LOSSES OF PESTICIDES — LINKING USAGE TO SURFACE WATER FINDINGS IN FOUR MONITORING CATCHMENTS, SWEDEN MONITORING OF PESTICIDES IN RIVERS IN KOREA EU GROUNDWATER MONITORING FOR SUSTAINABLE AGRICULTURE: 1,3-DICHLOROPROPENE SOIL FUMIGANT SPATIAL DISTRIBUTED MODELLING TO IDENTIFY VULNERABLE LEACHING AREAS FOR MONITORING IMPLICATIONS OF SPATIAL AND TEMPORAL AVERAGING OF CONCENTRATION DATA FOR A PESTICIDE IN GROUNDWATER AT THE FIELD SCALE CONSIDERING DIFFERENT SPECIFIC PROTECTION GOALS COMPERMENTARITY OF PASSIVE SAMPLERS AND BIO-INDICATORS TO EVALUATE SURFACE WATER CONTAMINA- TION BY PESTICIDES IN AGRICULTURAL CATCHMENTS INDUSTRY EXPERIENCE WITH GROUNDWATER MONITORING: DIFFERENT STUDY TYPES FOR DIFFERENT PURPOSES IMPACT OF THE USE OF DIFFERENT GEODATASETS ON LEACHING VULNERABILITY ANALYSES COMPARISON OF NATIONAL MONITORING CATCHMENTS OF SWEDEN TO THE SWEDISH GROUNDWATER SCE- NANCOS. LONG-TERM TRENDS OF PESTICIDE USE, STREAM WATER CONCENTRATIONS AND POTENTIAL ENVIRONMENTAL LONG-TERM TRENDS OF PESTICIDE USE, STREAM WATER CONCENTRATIONS AND POTENTIAL ENVIRONMENTAL LONG-TERM TRENDS OF PESTICIDE USE, STREAM WATER CONCENTRATIONS AND POTENTIAL ENVIRONMENTAL	Wim Louise Timothy Isabel Stephanie SJeremy Helena Martin Frédéric Therese Chan-Sub Steve Gregor Benedict Véronique S Ludovic Jutta Tim Marianne	Beltman Wipfler Negley Grijalvo Diego Pullan Dyson Bergstedt Alexis Pierlot Nanos Kim Knowles Spickermann Miles Gouy Loiseau Agert Häring
79 65 66 71 72 76 20 5 9 82 83 97 99 84 86 87 89 92 95	PLOW VELOCITY ESTIMATION FOR A DITCH AS PART OF THE DUTCH SCENARIO FOR FRUIT ORCHARDS GIS APPROACH TO SIMPLIFY CONDUCT OF NATIONAL AND CONTINENTAL SCALE LEACHING VULNERABILITY ASSESSMENTS. MODELLING PESTICIDE CONTAMINATION IN TWO SMALL AGRICULTURAL CATCHMENTS USING SWAT. MODELLING PESTICIDE TRANSPORT FROM LAND TO DRINKING WATER RESOURCES IN FIVE UK CASE STUDY CATCHMENTS. PESTICIDE RUNOFF FROM CROPPED FIELDS AND VEGETATIVE BUFFERS: MODELLING AND MITIGATION STRATEGIES IMPACT OF BIOTURBATION ON PESTICIDE EXPOSURE OF BENTHIC ORGANISMS: A MODELLING APPROACH ASSESSMENT OF SILICONE RODS FOR PASSIVE SAMPLING OF PESTICIDES IN FRESHWATERS COMPARISON OF PREDICTIVE QUALITY OF 27 PESTICIDE RISK INDICATORS TRANSPORT LOSSES OF PESTICIDES – LINKING USAGE TO SURFACE WATER FINDINGS IN FOUR MONITORING CATCHMENTS, SWEDEN MONITORING OF PESTICIDES IN RIVERS IN KOREA EU GROUNDWATER MONITORING FOR SUSTAINABLE AGRICULTURE: 1,3-DICHLOROPROPENE SOIL FUMIGANT SPATIAL DISTRIBUTED MODELLING TO IDENTIFY VULNERABLE LEACHING AREAS FOR MONITORING IMPLICATIONS OF SPATIAL AND TEMPORAL AVERAGING OF CONCENTRATION DATA FOR A PESTICIDE IN GROUNDWATER AT THE FIELD SCEAL CONSIDERING DIFFERENT SPECIFIC PROTECTION GOALS COMPERMENTAITY OF PASSIVE AMPORTAL AVERAGING OF CONCENTRATION DATA FOR A PESTICIDE IN GROUNDWATER AT THE FIELD SCEAL CONSIDERING DIFFERENT SPECIFIC PROTECTION GOALS COMPERMENTAITY OF PASSIVE AS EMPLICAL CATCHMENTS INDUSTRY EXPERIENCE WITH GROUNDWATER MONITORING: DIFFERENT STUDY TYPES FOR DIFFERENT PURPOSES IMPACT OF THE USE OF DIFFERENT GEODATASETS ON LEACHING VULNERABILITY ANALYSES COMPARISON OF NATIONAL MONITORING CATCHMENTS OF SWEDEN TO THE SWEDISH GROUNDWATER SCENARIOS LONG-TERM TRENDS OF PESTICIDE USE, STREAM WATER CONCENTRATIONS AND POTENTIAL ENVIRONMENTAL RISKS IN SMALL AGRICULTURAL CATCHMENTS	Wim Louise Timothy Isabel Stephanie SJeremy Helena Martin Frédéric Therese Chan-Sub Steve Gregor Benedict Véronique S Ludovic Jutta Tim Marianne	Beltman Wipfler Negley Grijalvo Diego Pullan Dyson Bergstedt Alexis Pierlot Nanos Kim Knowles Spickermann Miles Gouy Loiseau Agert Häring Stenrød
79 65 66 71 72 76 20 5 9 82 83 97 99 84 86 87 89 92 95 28	FLOW VELOCITY ESTIMATION FOR A DITCH AS PART OF THE DUTCH SCENARIO FOR FRUIT ORCHARDS GIS APPROACH TO SIMPLIFY CONDUCT OF NATIONAL AND CONTINENTAL SCALE LEACHING VULNERABILITY ASSESSMENTS. MODELLING PESTICIDE CONTAMINATION IN TWO SMALL AGRICULTURAL CATCHMENTS USING SWAT. MODELLING PESTICIDE TRANSPORT FROM LAND TO DRINKING WATER RESOURCES IN FIVE UK CASE STUDY CATCHMENTS. PESTICIDE RUNOFF FROM CROPPED FIELDS AND VEGETATIVE BUFFERS: MODELLING AND MITIGATION STRATEGIES IMPACT OF BIOTURBATION ON PESTICIDE EXPOSURE OF BENTHIC ORGANISMS: A MODELLING APPROACH ASSESSMENT OF SILICONE RODS FOR PASSIVE SAMPLING OF PESTICIDES IN FRESHWATERS COMPARISON OF PREDICTIVE QUALITY OF 27 PESTICIDE RISK INDICATORS TRANSPORT LOSSES OF PESTICIDES — LINKING USAGE TO SURFACE WATER FINDINGS IN FOUR MONITORING CATCHMENTS, SWEDEN MONITORING OF PESTICIDES IN RIVERS IN KOREA EU GROUNDWATER MONITORING FOR SUSTAINABLE AGRICULTURE: 1.3-DICHLOROPROPENE SOIL FUMIGANT SPATIAL DISTRIBUTED MODELLING TO IDENTIFY VULNERABLE LEACHING AREAS FOR MONITORING IMPLICATIONS OF SPATIAL AND TEMPORAL AVERAGING OF CONCENTRATION DATA FOR A PESTICIDE IN GROUNDWATER AT THE FIELD SCALE CONSIDERING DIFFERENT SPECIFIC PROTECTION GOALS COMPARISON OF PASSIVE SAMPLERS AND BIO-INDICATORS TO EVALUATE SURFACE WATER CONTAMINA- TION BY PESTICIDES IN AGRICULTURAL CATCHMENTS INDUSTRY EXPERIENCE WITH GROUNDWATER MONITORING: DIFFERENT STUDY TYPES FOR DIFFERENT PURPOSES IMPACT OF THE USE OF DIFFERENT GEODATASETS ON LEACHING VULNERABILITY ANALYSES COMPARISON OF NATIONAL MONITORING CATCHMENTS OF SWEDEN TO THE SWEDISH GROUNDWATER SCE- MARIOS FINANCIA SERVICION OF PASSICIDE SITE AM WATER CONCENTRATIONS AND POTENTIAL ENVIRONMENTAL RISKS IN SMALL AGRICULTURAL CATCHMENTS PLOT-SCALE WETLANDS TO ASSESS IMPACTS OF WATER FLOW ON PESTICIDE REMOVAL FROM DRAINAGE WATER FINANCIA SERVICION OF PASSICIDE SITE AND WATER FLOW ON PESTICIDE REMOVAL FROM DRAINAGE WATER FINANCIA SERVICION OF PASSICIDE SITE AND WATER FLOW ON PESTICIDE REMOVAL FROM DRAINAGE WATER FINANCIA SERVICION ON PAS	Wim Louise Timothy Isabel Stephanie SJeremy Helena Martin Frédéric Therese Chan-Sub Steve Gregor Benedict Véronique Ludovic Jutta Tim Marianne	Beltman Wipfler Negley Grijalvo Diego Pullan Dyson Bergstedt Alexis Pierlot Nanos Kim Knowles Spickermann Miles Gouy Loiseau Agert Häring Stenrød Dousset
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79 65 66 71 72 76 20 5 9 82 83 97 99 84 86 87 89 92 95 28 100 101 102	FLOW VELOCITY ESTIMATION FOR A DITCH AS PART OF THE DUTCH SCENARIO FOR FRUIT ORCHARDS GIS APPROACH TO SIMPLIFY CONDUCT OF NATIONAL AND CONTINENTAL SCALE LEACHING VULNERABILITY ASSESSMENTS. MODELLING PESTICIDE CONTAMINATION IN TWO SMALL AGRICULTURAL CATCHMENTS USING SWAT. MODELLING PESTICIDE TRANSPORT FROM LAND TO DRINKING WATER RESOURCES IN FIVE UK CASE STUDY CATCHMENTS. PESTICIDE RUNOFF FROM CROPPED FIELDS AND VEGETATIVE BUFFERS. MODELLING AND MITIGATION STRATEGIES IMPACT OF BIOTURBATION ON PESTICIDE EXPOSURE OF BENTHIC ORGANISMS: A MODELLING APPROACH ASSESSMENT OF SILICONE RODS FOR PASSIVE SAMPLING OF PESTICIDES IN FRESHWATERS COMPARISON OF PREDICTIVE QUALITY OF 27 PESTICIDE RISK INDICATORS TRANSPORT LOSSES OF PESTICIDES — LINKING USAGE TO SURFACE WATER FINDINGS IN FOUR MONITORING CATCHMENTS, SWEDEN MONITORING OF PESTICIDES IN RIVERS IN KOREA EU GROUNDWATER MONITORING FOR SUSTAINABLE AGRICULTURE: 1,3-DICHLOROPPROPENE SOIL FUMIGANT SPATIAL DISTRIBUTED MODELLING TO IDENTIFY VULNERABLE LEACHING AREAS FOR MONITORING IMPLICATIONS OF SPATIAL AND TEMPORAL AVERAGING OF CONCENTRATION DATA FOR A PESTICIDE IN GROUNDWATER MATERIAL AND TEMPORAL AVERAGING OF CONCENTRATION DATA FOR A PESTICIDE IN GROUNDWATER ATTITY OF PASSESSMENT OF CONSIDERING DIFFERENT SPECIFIC PROTECTION GOALS COMPARISON OF NATIONAL MONITORING CATCHMENTS INDUSTRY EXPERIENCE WITH GROUNDWATER MONITORING: DIFFERENT STUDY TYPES FOR DIFFERENT PURPOSES IMPACT OF THE USE OF DIFFERENT GEODATASETS ON LEACHING VULNERABILITY ANALYSES COMPARISON OF NATIONAL MONITORING CATCHMENTS OF SWEDEN TO THE SWEDISH GROUNDWATER SCENARIOS LONG-TERM TRENDS OF PESTICIDE USE, STREAM WATER CONCENTRATIONS AND POTENTIAL ENVIRONMENTAL RISKS IN SMALL AGRICULTURAL CATCHMENTS PILOT-SCALE WETLANDS TO ASSESS IMPACTS OF WATER FLOW ON PESTICIDE REMOVAL FROM DRAINAGE WATER MERLIN-EXPO, AN INTEGRATED EXPOSURE ASSESSMENT TOOL FOR PESTICIDES LEGISLATION REQUIREMENTS FIRST EXPERIENCE WITH THE NEW SESS GUIDANCE ON EXPOSURE ASSESSMENT IN SOIL –AN INDUSTRY PER- SPECIME.	Wim Louise Timothy Isabel Stephanie SJeremy Helena Martin Frédéric Therese Chan-Sub Steve Gregor Benedict Véronique Ludovic Jutta Tim Marianne R Sylvie Gabriella Krisztian Gerco	Beltman Wipfler Negley Grijalvo Diego Pullan Dyson Bergstedt Alexis Pierlot Nanos Kim Knowles Spickermann Miles Gouy Loiseau Agert Häring Stenrød Dousset Fait Szegedi Hoogeweg
79 65 66 71 72 76 20 5 9 82 83 97 99 84 86 87 89 92 95 28 100 101	FLOW VELOCITY ESTIMATION FOR A DITCH AS PART OF THE DUTCH SCENARIO FOR FRUIT ORCHARDS GIS APPROACH TO SIMPLIFY CONDUCT OF NATIONAL AND CONTINENTAL SCALE LEACHING VULNERABILITY ASSESSMENTS. MODELLING PESTICIDE CONTAMINATION IN TWO SMALL AGRICULTURAL CATCHMENTS USING SWAT. MODELLING PESTICIDE TRANSPORT FROM LAND TO DRINKING WATER RESOURCES IN FIVE UK CASE STUDY CATCHMENTS. PESTICIDE RUNOFF FROM CROPPED HELDS AND VEGETATIVE BUFFERS. MODELLING AND MITIGATION STRATEGIES IMPACT OF BIOTURBATION ON PESTICIDE EXPOSURE OF BENTHIC ORGANISMS: A MODELLING APPROACH ASSESSMENT OF SILICONE RODS FOR PASSIVE SAMPLING OF PESTICIDES IN FRESHWATERS COMPARISON OF PREDICTIVE QUALITY OF 27 PESTICIDE RISK INDICATORS FRANSPORT LOSSES OF PESTICIDES – LINKING USAGE TO SURFACE WATER FINDINGS IN FOUR MONITORING CATCHMENTS, SWEDEN MONITORING OF PESTICIDES IN RIVERS IN KOREA EU GROUNDWATER MONITORING FOR SUSTAINABLE AGRICULTURE: 1,3-DICHLOROPROPENE SOIL FUMIGANT SPATIAL DISTRIBUTED MODELLING TO IDENTIFY VULNERABLE LEACHING AREAS FOR MONITORING IMPLICATIONS OF SPATIAL AND TEMPORAL AVERAGING OF CONCENTRATION DATA FOR A PESTICIDE IN GROUNDWATER AT THE FIELD SCALE CONSIDERING DIFFERENT SPECIFIC PROTECTION GOALS COMPLEMENTARITY OF PASSIVE SAMPLERS AND BIOINDICATORS TO EVALUATE SURFACE WATER CONTAMINA- TION BY FESTICIDES IN AGRICULTURAL CATCHMENTS IMPLICATIONS OF SPATIAL AND TEMPORAL AVERAGING OF CONCENTRATION DATA FOR A PESTICIDE IN GROUNDWATER AT THE FIELD SCALE CONSIDERING DIFFERENT SPECIFIC PROTECTION GOALS COMPLEMENTARITY OF PASSIVE SAMPLERS AND BIOINDICATORS TO EVALUATE SURFACE WATER CONTAMINA- TION BY FESTICIDES IN AGRICULTURAL CATCHMENTS IMPLICATIONS OF SPATIAL AND TEMPORAL ASCENSIBLES ON LEACHING VULNERABILITY ANALYSES COMPARISON OF NATIONAL MONITORING CATCHMENTS IMPLICATIONS AND POTENTIAL ENVIRONMENTAL RISKS IN SMALL AGRICULTURAL CATCHMENTS PILOT-SCALE WETLANDS OF PESTICIDE USE, STREAM WATER CONCENTRATIONS AND POTENTIAL ENVIRONMENTAL RISKS IN SMALL AGRICULTURAL CATCHMENTS PILOT-SCALE WETLANDS TO ASSESS IMPACTS OF WATER F	Wim Louise Timothy Isabel Stephanie SJeremy Helena Martin Frédéric Therese Chan-Sub Steve Gregor Benedict Véronique Ludovic Jutta Tim Marianne R Sylvie Gabriella Krisztian	Beltman Wipfler Negley Grijalvo Diego Pullan Dyson Bergstedt Alexis Pierlot Nanos Kim Knowles Spickermann Miles Gouy Loiseau Agert Häring Stenrød Dousset Fait
79 65 66 71 72 76 20 5 9 82 83 97 99 84 86 87 89 92 95 28 100 101 102	FLOW VELOCITY ESTIMATION FOR A DITCH AS PART OF THE DUTCH SCENARIO FOR FRUIT ORCHARDS GIS APPROACH TO SIMPLIFY CONDUCT OF NATIONAL AND CONTINENTAL SCALE LEACHING VULNERABILITY ASSESSMENTS. MODELLING PESTICIDE CONTAMINATION IN TWO SMALL AGRICULTURAL CATCHMENTS USING SWAT. MODELLING PESTICIDE TRANSPORT FROM LAND TO DRINKING WATER RESOURCES IN FIVE UK CASE STUDY CATCHMENTS. PESTICIDE RUNOFF FROM CROPPED FIELDS AND VEGETATIVE BUFFERS. MODELLING AND MITIGATION STRATEGIES IMPACT OF BIOTURBATION ON PESTICIDE EXPOSURE OF BENTHIC ORGANISMS: A MODELLING APPROACH ASSESSMENT OF SILICONE RODS FOR PASSIVE SAMPLING OF PESTICIDES IN FRESHWATERS COMPARISON OF PREDICTIVE QUALITY OF 27 PESTICIDE RISK INDICATORS TRANSPORT LOSSES OF PESTICIDES — LINKING USAGE TO SURFACE WATER FINDINGS IN FOUR MONITORING CATCHMENTS, SWEDEN MONITORING OF PESTICIDES IN RIVERS IN KOREA EU GROUNDWATER MONITORING FOR SUSTAINABLE AGRICULTURE: 1,3-DICHLOROPPROPENE SOIL FUMIGANT SPATIAL DISTRIBUTED MODELLING TO IDENTIFY VULNERABLE LEACHING AREAS FOR MONITORING IMPLICATIONS OF SPATIAL AND TEMPORAL AVERAGING OF CONCENTRATION DATA FOR A PESTICIDE IN GROUNDWATER MATERIAL AND TEMPORAL AVERAGING OF CONCENTRATION DATA FOR A PESTICIDE IN GROUNDWATER ATTITY OF PASSESSMENT OF CONSIDERING DIFFERENT SPECIFIC PROTECTION GOALS COMPARISON OF NATIONAL MONITORING CATCHMENTS INDUSTRY EXPERIENCE WITH GROUNDWATER MONITORING: DIFFERENT STUDY TYPES FOR DIFFERENT PURPOSES IMPACT OF THE USE OF DIFFERENT GEODATASETS ON LEACHING VULNERABILITY ANALYSES COMPARISON OF NATIONAL MONITORING CATCHMENTS OF SWEDEN TO THE SWEDISH GROUNDWATER SCENARIOS LONG-TERM TRENDS OF PESTICIDE USE, STREAM WATER CONCENTRATIONS AND POTENTIAL ENVIRONMENTAL RISKS IN SMALL AGRICULTURAL CATCHMENTS PILOT-SCALE WETLANDS TO ASSESS IMPACTS OF WATER FLOW ON PESTICIDE REMOVAL FROM DRAINAGE WATER MERLIN-EXPO, AN INTEGRATED EXPOSURE ASSESSMENT TOOL FOR PESTICIDES LEGISLATION REQUIREMENTS FIRST EXPERIENCE WITH THE NEW SESS GUIDANCE ON EXPOSURE ASSESSMENT IN SOIL –AN INDUSTRY PER- SPECIME.	Wim Louise Timothy Isabel Stephanie SJeremy Helena Martin Frédéric Therese Chan-Sub Steve Gregor Benedict Véronique Ludovic Jutta Tim Marianne R Sylvie Gabriella Krisztian Gerco	Beltman Wipfler Negley Grijalvo Diego Pullan Dyson Bergstedt Alexis Pierlot Nanos Kim Knowles Spickermann Miles Gouy Loiseau Agert Häring Stenrød Dousset Fait Szegedi Hoogeweg
79 65 66 71 72 76 20 5 9 82 83 97 99 84 86 87 89 92 95 28 100 101 102 103	FLOW VELOCITY ESTIMATION FOR A DITCH AS PART OF THE DUTCH SCENARIO FOR FRUIT ORCHARDS GIS APPROACH TO SIMPLIFY CONDUCT OF NATIONAL AND CONTINENTAL SCALE LEACHING VULNERABILITY ASSESSMENTS. MODELLING PESTICIDE CONTAMINATION IN TWO SMALL AGRICULTURAL CATCHMENTS USING SWAT. MODELLING PESTICIDE TRANSPORT FROM LAND TO DRINKING WATER RESOURCES IN FIVE UK CASE STUDY CATCHMENTS. PESTICIDE RUNOFF FROM CROPPED FIELDS AND VEGETATIVE BUFFERS. MODELLING AND MITIGATION STRATEGIES OF PESTICIDE RUNOFF FROM CROPPED FIELDS AND VEGETATIVE BUFFERS. MODELLING AND MITIGATION STRATEGIES IMPACT OF BIOTURBATION ON PESTICIDE EXPOSURE OF BENTHIC ORGANISMS: A MODELLING APPROACH ASSESSMENT OF SELICONE RODS FOR PASSIVE SAMPLING OF PESTICIDES IN FRESHWATERS COMPARISON OF PREDICTIVE QUALITY OF 27 PESTICIDE RISK INDICATORS TRANSPORT LOSSES OF PESTICIDES - LINKING USAGE TO SURFACE WATER FINDINGS IN FOUR MONITORING CATCHMENTS, SWEDEN MONITORING OF PESTICIDES IN RIVERS IN KOREA. EU GROUNDWATER MONITORING FOR SUSTAINABLE AGRICULTURE: 1,2-DICHLOROPROPENE SOIL FUMIGANT SPATIAL DISTRIBUTED MODELLING TO IDENTIFY VULNERABLE LEACHING AREAS FOR MONITORING IMPLICATIONS OF SPATIAL AND TEMPORAL AVERAGING OF CONCENTRATION DATA FOR A PESTICIDE IN GROUNDWATER AT THIS IELD SCALE CONSIDERING DITTERENT SPECIFIC PROTECTION COALS COMPARISON OF PASSIVE SAMPLERS AND BIO-INDICATORS TO EVALUATE SURFACE WATER CONTAMINATIONS BY AGRICULTURAL CATCHMENTS INDUSTRY EXPERIENCE WITH GROUNDWATER MONITORING DIFFERENT STUDY TYPES FOR DIFFERENT PURPOSES IMPACT OF THE USE OF DIFFERENT GEODATASETS ON LEACHING VULNERABILITY ANALYSES COMPARISON OF NATIONAL MONITORING CATCHMENTS OF SWEDEN TO THE SWEDISH GROUNDWATER SCENARIOS LINGS-TERM TRENDS OF PESTICIDE USE, STREAM WATER CONCENTRATIONS AND POTENTIAL ENVIRONMENTAL RISKS IN SMALL AGRICULTURAL CATCHMENTS FIRST EXPERIENCE WITH THE NEW EFSA GUIDANCE ON EXPOSURE ASSESSMENT IN SOIL – AN INDUSTRY PER- SEECTIVE. MODELLING BEST MANAGEMENT PRACTICES FOR SUGARCANE IN THE PIONEER RIVER WATERSCHED MODELLING BEST MANAGEMENT PRACTI	Wim Louise Timothy Isabel Stephanie Gerco Gerco Gerco Timothy Isabel Steve Gregor Benedict Véronique Steve Gabriella Krisztian	Beltman Wipfler Negley Grijalvo Diego Pullan Dyson Bergstedt Alexis Pierlot Nanos Kim Knowles Spickermann Miles Gouy Loiseau Agert Häring Stenrød Dousset Fait Szegedi Hoogeweg Hoogeweg
79 65 66 71 72 76 20 5 9 82 83 97 99 84 86 87 89 92 95 28 100 101 102 103 105	FLOW VELOCITY ESTIMATION FOR A DITCH AS PART OF THE DUTCH SCENARIO FOR FRUIT ORCHARDS GIS APPROACH TO SIMPLIPY CONDUCT OF NATIONAL AND CONTINENTAL SCALE LEACHING YULNERABILITY ASSESSMENTS. MODELLING PESTICIDE CONTAMINATION IN TWO SMALL AGRICULTURAL CATCHMENTS USING SWAT. MODELLING PESTICIDE TRANSPORT FROM LAND TO DRINKING WATER RESOURCES IN FIVE UK CASE STUDY CATCHMENTS. PESTICIDE RUNOFF FROM CROPPED FIELDS AND VEGETATIVE BUFFERS. MODELLING AND MITIGATION STRATEGIES IMPACT OF BIOTURBATION ON PESTICIDE EXPOSURE OF BENTHIC ORGANISMS. A MODELLING APPROACH ASSESSMENT OF SILICONE RODS FOR PASSIVE SAMIPLING OF PESTICIDES IN FRESHWATERS COMPARISON OF PREDICTIVE QUALITY OF 27 PESTICIDE RISK INDICATORS TRANSPORT LOSSES OF PESTICIDES — LINKING USAGE TO SURFACE WATER FINDINGS IN FOUR MONITORING CATCHMENTS, SWEDEN MONITORING OF PESTICIDES IN RIVERS IN KOREA EU GROUNDWATER MONITORING FOR SUSTAINABLE AGRICULTURE: 1,3-DICHLOROPROPENE SOIL PLINIGANT SPATIAL DISTRIBUTED MODELLING TO IDENTIFY VULNERABLE LEACHING AREAS FOR MONITORING IMPLICATIONS OF SPATIAL AND TEMPORAL AVERAGING OF CONCENTRATION DATA FOR A PESTICIDE IN GROUNDWATER AT THE RIELD SCALE CONSIDERING DIFFERENT SPECIFIC PROTECTION GOALS COMPENSENTIATIVE OF PASSIVE SAMPLES AND BIOLINDICATORS TO EVALUATE SURFACE WATER CONTAMINATION BY PESTICIDES IN AGRICULTURAL CATCHMENTS INDUSTRY EXPERIENCE WITH GROUNDWATER MONITORING DIFFERENT STUDY TYPES FOR DIFFERENT PURPOSES IMPACT OF THE USE OF DIFFERENT GEODATASETS ON LEACHING YULNERABILITY ANALYSES COMPARISON OF NATIONAL MONITORING CATCHMENTS OF SWEDEN TO THE SWEDISH GROUNDWATER SCENARIOS FIRST EXPERIENCE WITH GROUNDWATER MONITORING OF SWEDEN TO THE SWEDISH GROUNDWATER SCENARIOS LONG-TERM TRENDS OF PESTICIDE USE, STEEMMWATER CONCENTRATIONS AND POTENTIAL ENVIRONMENTAL RINKS IN SMALL AGRICULTURAL CATCHMENTS FIRST EXPERIENCE WITH THE NEW EFSA GUIDANCE ON EXPOSURE ASSESSMENT IN SOIL – AN INDUSTRY PER- PRECINCE MODELLING BEST MANAGEMENT PRACTICES FOR SUGARCANE IN THE RONEER RIVER WATERSHED MODELLING BEST MANAGEMEN	Wim Louise Timothy Isabel Stephanie Sephanie Gerco Gerco Gabriel Wim Timothy Isabel Steve Gregor Benedict Véronique Sephanie Chan-Sub Chan	Beltman Wipfler Negley Grijalvo Diego Pullan Dyson Bergstedt Alexis Pierlot Nanos Kim Knowles Spickermann Miles Gouy Loiseau Agert Häring Stenrød Dousset Fait Szegedi Hoogeweg Olchin
79 65 66 71 72 76 20 5 9 82 83 97 99 84 86 87 89 92 95 28 100 101 102 103 105 110 114	FLOW VELOCITY ESTIMATION FOR A DITCH AS PART OF THE DUTCH SCENARIO FOR FRUIT ORCHARDS GIS APPROACH TO SIMPLEY CONDUCT OF NATIONAL AND CONTINENTAL SCALE LEACHING VULNERABILITY ASSESSMENTS. MODELLING PESTICIDE CONTAMINATION IN TWO SMALL AGRICUITURAL CATCHMENTS USING SWAT. MODELLING PESTICIDE TRANSPORT FROM LAND TO DRINKING WATER RESOURCES IN TIVE UK CASE STUDY CATCHMENTS. PESTICIDE RUNOFF FROM CROPPED FIELDS AND VEGETATIVE BUFFERS, MODELLING AND MITIGATION STRATEGISE IMPACT OF BIOTURBATION ON PESTICIDE EXPOSURE OF BENTHEC ORGANISMS: A MODELLING APPROACH ASSESSMENT OF SILICONE ROUS FOR PASSIVE SAMITUNG OF PESTICIDES IN TRESHWATERS COMPARISON OF PREDICTIVE QUALITY OF 27 FESTICIDE RISK INDICATORS. TRANSPORT LOSSES OF PESTICIDES—LINKING USAGE TO SURFACE WATER FINDINGS IN FOUR MONITORING CALCHMENTS, SWEDEN MONITORING OF PESTICIDES IN RIVERS IN KOREA EU GROUNDWATER MONITORING FOR SUSTAINABLE AGRICULTURE. 1,3-DICHLOROPROPENE SOIL FUMIGANT SPATIAL DISTRIBUTED MODELLING TO IDENTIFY YULNERABLE LEACHING AREAS FOR MONITORING IMPLICATIONS OF SPATIAL AND TEMPORAL AVERAGING OF CONCENTRATION DATA FOR A PESTICIDE IN GROUNDWATER AT THE RIELD SCALE CONDIDERING DIFFERENT SPECIFIC PROTECTION GOVES COMPRENENTIAL FOR PROSENCE WATER AGRICULTURE. INDUSTRY EXPERIENCE WITH GROUNDWATER MONITORING DIFFERENT STUDY TYPES FOR DIFFERENT PURPOSES IMPACT OF THE USE OF DIFFERENT GEODATASETS ON LEACHING VULNERABILITY ANALYSES COMPARISON OF NATIONAL MONITORING CATCHMENTS. INDUSTRY EXPERIENCE WITH GROUNDWATER MONITORING DIFFERENT STUDY TYPES FOR DIFFERENT PURPOSES IMPACT OF THE USE OF DIFFERENT GEODATASETS ON LEACHING VULNERABILITY ANALYSES COMPARISON OF NATIONAL MONITORING CATCHMENTS OF SWEDEN TO THE SWEDIS I GROUNDWATER SCI- NABIOS. INDUSTRY EXPERIENCE WITH THE NEW BERS A GUIDANCE ON EXPOSURE ASSESSMENT IN SOIL -AN INDUSTRY PER- FERSIOLES IN MARGICULTURAL CATCHMENTS. PILOTSCALE WELLANDS TO ASSESS IMPACTS OF WATER FLOW ON PESTICIDES REGISLATION REQUIREMENTS FERSTE EXPERIENCE WITH THE NEW BERS A GUIDANCE ON EXPOSURE ASSESSMENT I	Wim Louise Timothy Isabel Stephanie SJeremy Helena Martin Frédéric Therese Chan-Sub Steve Gregor Benedict Véronique Ludovic Jutta Tim Marianne R Sylvie Gabriella Krisztian Gerco Gabriel Stephan Gabriele	Beltman Wipfler Negley Grijalvo Diego Pullan Dyson Bergstedt Alexis Pierlot Nanos Kim Knowles Spickermann Miles Gouy Loiseau Agert Häring Stenrød Dousset Fait Szegedi Hoogeweg Olchin Sittig Sacchettini
79 65 66 71 72 76 20 5 9 82 83 97 99 84 86 87 89 92 95 28 100 101 102 103 105 110 114 116	FLOW VELOCITY ESTIMATION FOR A DITCH AS PART OF THE DUTCH SCENARIO FOR FRUIT ORCHARDS GIS APPROACH TO SIMPLIPY CONDUCT OF INSTIGNAL AND CONTINENTAL SCALE LEACHING VALINERABILITY ASSESSMENTS MODELLING PESTICIDE CONTAMINATION IN TWO SMALL AGRICULTURAL CATCHMENTS USING SWAT. MODELLING PESTICIDE TRANSPORT FROM LAND TO DRINKING WATER RESOURCES IN FIVE UK CASE STUDY CATCHMENTS. PESTICIDE RUNOFF FROM CROPPED FIELDS AND VEGETATIVE BUFFERS. MODELLING AND MITIGATION STRATEGIES IMPACT OF BIOTURBATION ON PESTICIDE EXPOSURE OF BENTHIC ORGANISMS: A MODELLING APPROACH ASSESSMENT OF SILICONE RODS FOR PASSIVE SAMPLING OF RESTICIDES IN FRESHWATERS COMPARISON OF PREDICIDES. LINKING USAGE TO SURFACE WATER FINDINGS IN FOUR MONITORING CATCHMENTS, SWEDEN MONITORING OF PESTICIDES IN RIVERS IN KOREA EU GROUNDWATER MONITORING FOR SUSTAINABLE AGRICULTURE: 1,2-DICHLOROPROPENE SOIL PUMIGANT STATIAL DISTRIBUTED MODELLING TO IDENTIFY VULNERABLE LEACHING AREAS FOR MONITORING COMPERISON OF SPATIAL AND TEMPORAL AVERSAGING OF CONCENTRATION DATA FOR A PESTICIDE IN GROUNDWATER AT THE RIELD SCALE CONSIDERING DIFFERENT SPECIFIC PROTECTION GOALS COMPERISON OF PROTICULAND CROPPED PROBLEMS ON EVOLUCIATIONS TO EVALUATE SURFACE WATER CONTAMINA- TION BY PESTICIDES IN AGRICULTURAL CARCHMENTS COMPERISON OF PARTIAL AND TEMPORAL AVERSAGING OF CONCENTRATION DATA FOR A PESTICIDE IN GROUNDWATER AT THE RIELD SCALE CONSIDERING OF CONCENTRATION DATA FOR A PESTICIDE IN GROUNDWATER AT THE RIFLED SCALE CONSIDERING DIFFERENT'S SECIFIC PROTECTION GOALS COMPERISONS OF PARTIAL AND TEMPORAL AVERSAGING OF CONCENTRATION SHAP FOR THE TIPL PROPRIES. COMPERISONS OF PARTIAL AND TEMPORAL AVERSAGING OF CONCENTRATION SHAP FOR THE TIPL PROPRIES. COMPERISONS OF PARTIAL AND TEMPORAL AVERSAGING OF CONCENTRATION SHAP FOR THE TIPL PROPRIES. COMPERISONS OF PARTIAL AND TEMPORAL AVERSAGING FOR ONCENTRATIONS AND POTENTIAL ENVIRONMENTAL RESECUENCE WITH THE NEW SEAS AGRICULTURAL CATCHMENTS PROCEDURAL REPORT OF THE PROPRIES OF SAMPLES ON THE PROPRIES OF THE SUCCESSION OF THE TIP	Wim Louise Timothy Isabel Stephanie SJeremy Helena Martin Frédéric Therese Chan-Sub Steve Gregor Benedict Véronique Ludovic Jutta Tim Marianne R Sylvie Gabriella Krisztian Gerco Gabriel Stephan Gabriele Maura	Beltman Wipfler Negley Grijalvo Diego Pullan Dyson Bergstedt Alexis Pierlot Nanos Kim Knowles Spickermann Miles Gouy Loiseau Agert Häring Stenrød Dousset Fait Szegedi Hoogeweg Olchin Sittig Sacchettini Calliera
79 65 66 71 72 76 20 5 9 82 83 97 99 84 86 87 89 92 95 28 100 101 102 103 110 1114	FLOW VELOCITY ESTIMATION FOR A DITICH AS PART OF THE DUTCH SCENARIO FOR FRUIT ORCHARDS GIS APPROACH TO SIMPLEY CONDUCT OF NATIONAL AND CONTINENTAL SCALE LEACHING WUNERABILITY ASSESSMENTS. MCDELLING PESTICIDE CONTAMINATION IN TWO SMALL ASPICULTURAL CATCHMENTS USING SWAT. MODELLING PESTICIDE TRANSPORT FROM LAND TO DRINKING WATER RESOURCES IN FIVE UK CASE STUDY CATCHMENTS. PESTICIDE RUNORT FROM CROPPED FELDS AND VEGETATIVE BUTTERS MODIFILING AND MITIGATION STRATEGIS. MERCET OF BIOTURBATION ON PESTICIDE EXPOSURE OF BENTHIC ORGANISMS: A MODELLING APPROACH ASSESSMENT OF SILLONE RODS FOR PASSIVE SAMPLING OF PESTICIDES IN FRESHWATERS. COMPARISON OF PREDICTIVE QUALITY OF 27 FESTICIDE RISK INDICATORS CATCHMENTS, SWEDEN MONITORING OF PESTICIDES - LINKING USAGE TO SURFACE WATER FINDINGS IN FOUR MONITORING CATCHMENTS, SWEDEN MONITORING OF PESTICIDES IN RIVERS IN KOREA EU GROUNDWATER MONITORING FOR SUSTAINABLE AGRICULTURE: 1,3-DICHLOROPROPENE SOIL FUNIGANT SPATIAL DISTRIBUTED MODELLING TO IDENTIFY WUNERABLE LEACHING AREAS FOR MONITORING IMPLICATIONS OF SPATIAL AND TEMPORAL AVERNORING OF CONCENTRATION DATA FOR A PESTICIDE IN MELICATIONS OF SPATIAL AND TEMPORAL AVERNORING OF CONCENTRATION DATA FOR A PESTICIDE IN MELICATIONS OF SPATIAL AND TEMPORAL AVERNORING OF CONCENTRATION DATA FOR A PESTICIDE IN MELICATIONS OF SPATIAL AND TEMPORAL AVERNORING OF CONCENTRATION DATA FOR A PESTICIDE IN MELICATIONS OF SPATIAL AND TEMPORAL AVERNORING OF CONCENTRATION DATA FOR A PESTICIDE IN MELICATION OF SPATIAL AND TEMPORAL AVERNORING OF CONCENTRATION DATA FOR A PESTICIDE IN MERCET OF THE USE OF DEFERENT GEODATASETS ON LEAGHING WUNERBUILLY ANALYSES INDUSTRY EXPERIENCE WITH GROUNDWATER MONITORING DIFFERENT SUDDY TYPES FOR DIFFERENT PURPOSES IMPACT OF THE USE OF DEFERENT GEODATASETS ON LEAGHING WUNERBUILLY ANALYSES INDUSTRY EXPERIENCE WITH THE NEW EPSA GUIDANCE ON EXPOSURE ASSESSMENT IN SOIL - AN INDUSTRY PER- PROTESTICIDES IN ASSICLATION FROM EXPERIENCE ON LEAGHING SUDDER MONITORING FOR PESTICIDES MERCHANDS ON PERSICIPES T	Wim Louise Timothy Isabel Stephanie Sephanie Gerco Gabriella Krisztian Gerco Gabriele Maura Maura	Beltman Wipfler Negley Grijalvo Diego Pullan Dyson Bergstedt Alexis Pierlot Nanos Kim Knowles Spickermann Miles Gouy Loiseau Agert Häring Stenrød Dousset Fait Szegedi Hoogeweg Olchin Sittig Sacchettini
79 65 66 71 72 76 20 5 9 82 83 97 99 84 86 87 89 92 95 28 100 101 102 103 105 110 114 116	FLOW VELOCITY ESTIMATION FOR A DITCH AS PART OF THE DUTCH SCENARIO FOR FRUIT ORCHARDS GIS APPROACH TO SIMPLIPY CONDUCT OF INSTIGNAL AND CONTINENTAL SCALE LEACHING VALINERABILITY ASSESSMENTS MODELLING PESTICIDE CONTAMINATION IN TWO SMALL AGRICULTURAL CATCHMENTS USING SWAT. MODELLING PESTICIDE TRANSPORT FROM LAND TO DRINKING WATER RESOURCES IN FIVE UK CASE STUDY CATCHMENTS. PESTICIDE RUNOFF FROM CROPPED FIELDS AND VEGETATIVE BUFFERS. MODELLING AND MITIGATION STRATEGIES IMPACT OF BIOTURBATION ON PESTICIDE EXPOSURE OF BENTHIC ORGANISMS: A MODELLING APPROACH ASSESSMENT OF SILICONE RODS FOR PASSIVE SAMPLING OF RESTICIDES IN FRESHWATERS COMPARISON OF PREDICIDES. LINKING USAGE TO SURFACE WATER FINDINGS IN FOUR MONITORING CATCHMENTS, SWEDEN MONITORING OF PESTICIDES IN RIVERS IN KOREA EU GROUNDWATER MONITORING FOR SUSTAINABLE AGRICULTURE: 1,2-DICHLOROPROPENE SOIL PUMIGANT STATIAL DISTRIBUTED MODELLING TO IDENTIFY VULNERABLE LEACHING AREAS FOR MONITORING COMPERISON OF SPATIAL AND TEMPORAL AVERSAGING OF CONCENTRATION DATA FOR A PESTICIDE IN GROUNDWATER AT THE RIELD SCALE CONSIDERING DIFFERENT SPECIFIC PROTECTION GOALS COMPERISON OF PROTICULAND CROPPED PROBLEMS ON EVOLUCIATIONS TO EVALUATE SURFACE WATER CONTAMINA- TION BY PESTICIDES IN AGRICULTURAL CARCHMENTS COMPERISON OF PARTIAL AND TEMPORAL AVERSAGING OF CONCENTRATION DATA FOR A PESTICIDE IN GROUNDWATER AT THE RIELD SCALE CONSIDERING OF CONCENTRATION DATA FOR A PESTICIDE IN GROUNDWATER AT THE RIFLED SCALE CONSIDERING DIFFERENT'S SECIFIC PROTECTION GOALS COMPERISONS OF PARTIAL AND TEMPORAL AVERSAGING OF CONCENTRATION SHAP FOR THE TIPL PROPRIES. COMPERISONS OF PARTIAL AND TEMPORAL AVERSAGING OF CONCENTRATION SHAP FOR THE TIPL PROPRIES. COMPERISONS OF PARTIAL AND TEMPORAL AVERSAGING OF CONCENTRATION SHAP FOR THE TIPL PROPRIES. COMPERISONS OF PARTIAL AND TEMPORAL AVERSAGING FOR ONCENTRATIONS AND POTENTIAL ENVIRONMENTAL RESECUENCE WITH THE NEW SEAS AGRICULTURAL CATCHMENTS PROCEDURAL REPORT OF THE PROPRIES OF SAMPLES ON THE PROPRIES OF THE SUCCESSION OF THE TIP	Wim Louise Timothy Isabel Stephanie Gerco Gabriel Stephan Gabriele Maura Maura	Beltman Wipfler Negley Grijalvo Diego Pullan Dyson Bergstedt Alexis Pierlot Nanos Kim Knowles Spickermann Miles Gouy Loiseau Agert Häring Stenrød Dousset Fait Szegedi Hoogeweg Olchin Sittig Sacchettini Calliera
79 65 66 71 72 76 20 5 9 82 83 97 99 84 86 87 89 92 95 28 100 101 102 103 105 110 114 116 117	TOWARD COLORS METABOLITE FORMATION IN UPSTREAM CATCHMENT OF FOCUS STREAM FLOWARD COLORS STREAM CONTROL FOR A DITCL AS TRAT OF THE DUTCH SCENARIO FOR FRUIT ORCHARDS GIS APPROACH TO SIMPLEY CONDUCT OF NATIONAL AND CONTRINENTIAL SCALE LEACHING VULNERABILITY ASSESSMENTS MODELLING PESTICIDE CONTAMINATION IN TWO SMALL AGRICULTURAL CATCHMENTS USING SWAT, MODELLING PESTICIDE CONTAMINATION IN TWO SMALL AGRICULTURAL CATCHMENTS USING SWAT, MODELLING PESTICIDE TRANSPORT FROM LAND TO DIBINING WATER RESOURCES IN TWE UK CASE STUDY CATCHMENTS. MODELLING PESTICIDE TRANSPORT FROM LAND TO DIBINING WATER RESOURCES IN TWE UK CASE STUDY CATCHMENTS. MORPH RUNOT FROM DROPPED PIELDS AND VEGITATIVE BUTTERS MODELLING AND MITICATION STRATTORS SWATCH LOSSES ON PESTICIDES TO PESTICIDE RISK INDICATORS COMPARISON OF PREDICTIVE QUALITY OF 27 FESTICIDE RISK INDICATORS CATCHMENTS, SWEDEN MONTORING OF PREDICTIVE QUALITY OF 27 FESTICIDE RISK INDICATORS CATCHMENTS, SWEDEN MONTORING OF PESTICIDES IN RIVERS IN KOREA FU GROUNDWATER MONITORING FOR RUSSISSIANABLE AGRICULTURE: 1,3-DICHLOROPROTEINE SOIL FUNIGANT GRADINAMATER AT THE FELL SCALE CONSISTENCY DETERMENT SPECIFIC PROTECTION COLES GRADINAMATER AT THE FELL SCALE CONSISTENCY DETERMENT SPECIFIC PROTECTION COLES GRADINAMATER AT THE FILL SCALE CONSISTENCY DETERMENT SPECIFIC PROTECTION COLES COMPLEMENT REPROACHES ON AGRICULTURAL CALCIUMNATION OF PRESTICIDE IN MONTORING OF PESTICIDES WITH GROUNDWATER MONITORING DIFFERENT SPECIFIC PROTECTION COLES COMPARISON OF NATIONAL MONITORING CATCHMENTS OF SWEDEN TO THE SWEDISH GROUNDWATER SCENARIOS INDUSTRY EXPERIENCE WITH GROUNDWATER MONITORING DIFFERENT SPECIFIC PROTECTION COLES COMPARISON OF NATIONAL MONITORING CATCHMENTS OF SWEDEN TO THE SWEDISH GROUNDWATER SCENARIOS INDUSTRY EXPERIENCE WITH GROUNDWATER SCENARIOS ON EXPOSURE ASSESSMENT TOOL FOR FESTICIDE SUBGISLATION REQUIREMENTS PROTECTION OF NATIONAL MORN TROPPORT AND SESSION FOR SUBGISLATION PROPORTIVE REPRESENTATIVE SPECIAL PROPORTIVE REPRESENTATIVE SPECIAL PROPORTIVE REPRESENTATI	Wim Louise Timothy Isabel Stephanie Sephanie Gerco Gabriella Krisztian Gerco Gabriele Maura Maura	Beltman Wipfler Negley Grijalvo Diego Pullan Dyson Bergstedt Alexis Pierlot Nanos Kim Knowles Spickermann Miles Gouy Loiseau Agert Häring Stenrød Dousset Fait Szegedi Hoogeweg Olchin Sittig Sacchettini Calliera
79 65 66 71 72 76 20 5 9 82 83 97 99 84 86 87 89 92 95 28 100 101 102 103 105 110 114 116 117 119	TOWARD CALCULATES METABOLITE FORMATION IN UPSTREAM CATCHMENT OF FOCUS STREAM FLOW VELOCITY ESTIMATION FOR A DITTOL AS PART OF THE DUTCH SCENARIO FOR FRUIT ORCHARDS GIS APPROACH TO SIMPLIFY CONDUCT OF NATIONAL AND CONTINENTAL SCALE LEACHING VULNERABLITY ASSESSMENTS. MODELLING PESTICIDE CONTAMINATION IN TWO SMALL AGRICULTURAL CATCHMENTS USING SWAT. MODELLING PESTICIDE TRANSPORT FROM LAND TO DRINKING WATER RESOURCES IN FIVE UK CASE STUDY CALCIPRIANTS. PESTICIDE RUNOFF FROM CROPPED FIELDS AND VEGETATIVE BUFFERS, MODELLING AND MITIGATION STRATEGES IMPACT OF BIOTURBATION ON PESTICIDE EXPOSURE OF BENTHIC ORGANISMS A MODELLING APPROACH ASSESSMENT OF SUCONE RODS FOR PASSIVE SAMPLING OF PESTICIDES IN FRESHWATERS COMMANISON OF PIELDCRINE QUALITY OF 27 IT STICIDE RESUNDICATIONS TRANSPORT LOSSES OF PESTICIDES - LINKING USAGE TO SURFACE WATER FINDINGS IN FOUR MONITORING CATCHMENTS, SWEETIN MONITORING OF PESTICIDES IN RIVERS IN KOREA EU GROUNDWATER MONITORING FOR SUSTAINABLE AGRICULTURE. 13-DICHLIGOPEROPENE SOIL FUNIGANT SMALL DISTRIBUTED MODELLING TO DELIVERY YULINERABLE LEACHING ABILAS FOR MONITORING IMPLICATIONS OF SPATIAL AND TEMPORAL AVERAGINS OF CONCENTRATION DATA FOR A PESTICIDE IN GROUNDWATER AT THE FEIL DISCALE CONSIDERING DIFFERNIT SPECIFIC PROTECTION GOALS COMPRESENTIVE OF PROSSOE SHAPP IN PER AND PROTECTION FOR THE SURFACE WATER ON THAN AND THE PROPERTY OF THE PER AND PROCESS. IMPACT OF THE USE OF DIFFERENT GEODATASETS ON LEACHING WULNERABILITY ANALYSES COMPARISON OF NATIONAL MONITORING CATCHMENTS OF SWEDEN TO THE SWEDISH GROUNDWATER SCENARIOS IMPACT OF THE USE OF DIFFERENT GEODATASETS ON LEACHING WULNERABILITY ANALYSES COMPARISON OF NATIONAL MONITORING CATCHMENTS OF SWEDEN TO THE SWEDISH GROUNDWATER SCENARIOS COMPARISON OF NATIONAL MONITORING CATCHMENTS OF SWEDEN TO THE SWEDISH GROUNDWATER SCENARIOS COMPARISON OF NATIONAL MONITORING CATCHMENTS OF SWEDEN TO THE SWEDISH GROUNDWATER SCENARIOS FINANCIAL PROPERTY OF THE PROPERTY O	Wim Louise Timothy Isabel Stephanie Sephanie Gerco Gabriella Krisztian Gerco Gabriele Maura Maura Maura Maura Victoria	Beltman Wipfler Negley Grijalvo Diego Pullan Dyson Bergstedt Alexis Pierlot Nanos Kim Knowles Spickermann Miles Gouy Loiseau Agert Häring Stenrød Dousset Fait Szegedi Hoogeweg Olchin Sittig Sacchettini Calliera Calliera

Irene Hanke **Sustainable Use of PPPS** and Environmental Quality

Risk Mitigation for the **Protection of Water**

> SESSION CHAIR Anne Alix

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syngenta.

PROTECTION PRODUCTS



ENHANCE KNOWLEDGE ON SUSTAINABLE USE OF PLANT PROTECTION PRODUCTS



RISK INDICATORS FOR OPERATORS, WORKERS, BYSTANDERS AND RESIDENTS FOR A SUSTAINABLE USE OF PLANT Gabriele

PESTICIDE MANAGEMENT AND DEFENSE OF AGRICULTURAL PRODUCTS IN DEVELOPING COUNTRIES (CONGO



Adriano

Marco

Sacchettini

Politi

Pellizzoni



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