THEME 6 : ESTUARINE AND COASTAL SCIENCES ASSOCIATION MEETING		Paper no.
URBAN DIFFUSE SOURCES OF FAECAL INDICATORS	O'Keefe, B., D'Arcy, B. J., Davidson, J., Barbarito B and Clelland, B.	1
ESTIMATION OF DIFFUSE AND POINT SOURCE MICROBIAL POLLUTION IN THE RIBBLE CATCHMENT DISCHARGING TO BATHING WATERS IN THE NORTH WEST OF ENGLAND	Wither, A.; Greaves, J.,; Dunhill, I.; Wyer, M.; Stapleton, C.; Kay, D.; Humphrey, N., Watkins, J.; Francis, C.; McDonald, A. and Crowther, J.	2
AGRICULTURAL DIFFUSE POLLUTION AND BATHING WATER QUALITY: RISK IDENTIFICATION AND MITIGATION.	Aitken, M., Merrilees D.and Jones, A.	3
A CATCHMENT SCALE MODEL OF FAECAL INDICATOR ORGANISM (FIO) TRANSPORT FROM AGRICULTURAL LAND TO SURFACE WATERS.	Lewis D. and Duncan, A.	4
DOES FARMYARD RUNOFF REPRESENT A SIGNIFICANT SOURCE OF FAECAL INDICATOR ORGANISMS FOR THE BATHING WATERS OF SW SCOTLAND?	Kay, D., Edwards, A.C., Ferrier, R.C., Francis, C., Kay, C, Rushby, L., Wakins J., McDonald, A.T., Wyer M., Crowther, J. and Wilkinson, J.	5
THE EFFECTS OF DE-STOCKING ON MICROBIAL DELIVERY FROM CATCHMENT DIFFUSE SOURCES IN AN AREA AFFECTED BY FOOT AND MOUTH DISEASE (THE CALDEW STUDY).	Stapleton, C., Sanders, B., Kay, D., Anthony, S., Lyons, H., Wilson, J., Greaves, J., Dunhill, I., Miles P.and Wither, A.	6
A PRELIMINARY STUDY INTO THE CHANGE IN FAECAL INDICATOR CONCENTRATION OF ESTUARINE WATER ATTRIBUTABLE TO TIDAL INUNDATION OF SALTMARSH	Dunhill., I.	7
THE IMPACT OF BIRD POPULATIONS ON THE MICROBIOLOGICAL QUALITY OF BATHING WATERS	Wither, A.; Rehfisch; M., and Austin, G.	8
USING MOLECULAR METHODS FOR UNDERSTANDING IMPACTS OF NON-POINT SOURCE RUNOFF ON ECONOMICALLY IMPORTANT COASTAL RECREATIONAL AND SHELLFISH HARVESTING WATERS.	Noble, R.T.	9
A CATCHMENT APPROACH TO UNDERSTANDING THE SOURCES AND FATE OF INDICATOR BACTERIA IN AN INTENSIVE AGRICULTURAL AREA.	Harhcegani, H B and Cornish, P S	10
A COMPARISON OF THE RISK OF SURFACE WATER POLLUTION BY E.COLI FROM FAECES FROM GRAZING ANIMALS AND FROM SLURRY DISPOSAL.	Vinten, A.J.A., Aitken, M., Fenbn, D.R. and Douglas, J.	11
MODELLING A COMPLEX MIXTURE OF POINT AND DIFFUSE MICROBIOLOGICAL INPUTS TO HIGH ENERGY AND TURBID ESTUARINE BATHING WATERS: THE SEVERN ESTAURY, UK	Lin, B., Falconer, R.; Francis, C.; Humphrey, N.; Jones, K.; Kay, D.; Lei, Y; Paul, N; Stapleton, C., ; Watkins, J. and Wyer, M	12
THE IMPACT OF LAND BASED POLLUTION ON THE HYDROCHEMISTRY AND MACROBENTHIC COMMUNITY OF A TROPICAL WEST AFRICAN CREEK	Chukwu, L. O. and Nwankwo D, I.,	13
SALINITY AND INORGANIC NITROGEN EFFECTS ON NITRIFICATION AND DENITRIFICATION RATES IN INTERTIDAL SEDIMENTS AND ROCKY BIOFILMS: DOURO RIVER ESTUARY, PORTUGAL*	Magalhães C., Moreira R., Wiebe W.J. and Bordalo A.A	14
MODELLING OF AGRICULTURAL NUTRIENTS LOADS GENERATED IN THE VENICE LAGOON WATERSHED.	Burigana, E., Bendoricchio, G., Parati, P.	15
IMPACT OF DIFFUSE POLLUTION ON THE SOCIO- ECONOMIC DEVELOPMENT OPPORTUNITIES IN THE COASTAL NILE DELTA LAKES	Saad, M.A.H.	16
THE PERFORMANCE OF INTEGRATED CONSTRUCTED WETLANDS IN THE MANA GEMENT OF WATER QUALITY WITH SPECIAL REFERENCE TO FAECAL INDICATOR ORGANISMS.	Harrington,, R.	17
HEALTHY WATERWAYS-HEALTHY CATCHMENTS : AN INTEGRATED RESEARCH / MANAGEMENT PROGRAM TO UNDERSTAND AND REDUCE IMPACTS OF SEDIMENTS AND NUTRIENTS ON AUSTRALIAN WATERWAYS	Abal, E. G., Greenfield P.F. and Tarte, D.	18
NUTRIENT LOAD ESTIMATION OF NONPOINT SOURCE POLLUTION FOR HONG KONG REGION	Li, H.E., Lee, J.H.W. Koenig, A., and Jayawardena., A.W.	19
PERSISTENT POLLUTANTS URBAN RIVERS SEDIMENT SURVEY: IMPLICATIONS FOR POLLUTION CONTROL	Wilson C, Clarke R, D'Arcy BJ, Heal KV and Wright PW	20
AN ASSESSMENT OF THE IMPACT OF THE PROPOSED EU BATHING WATER DIRECTIVE ON IRISH COASTAL BATHING AREA COMPLIA NCE.	Chawla, R., Real, K., and Masterson, B.	21

		- 22
DIFFUSE INPUTS OF NUTRIENTS TO DUBLIN BAY	Wilson, J.G.	22
REMOTE SENSING AIDED QUANTITATIVE ANALYSIS OF	Seker, D.Z., Kaya, S., Musaoglu, N.,	23
FRESHWATER FLUME OF FILYOS RIVER IN THE BLACK	Tanik, A., Kabdasli ^{S.} and Unal, E.	
SEA		
MICROBIAL POLLUTION: RIVER CATCHMENT STUDIES IN	Allen, J., Bruen, M.P., Chawla, R.,	24
IRELAND AND BATHING WATER COMPLIANCE.	Clarke, J., Masterson, B.F., O'Connor,	
	P.E., Parmentier, B., Real, K., Stokes,	
	J-A. and Thorp, M.B.	
TOWARDS INTEGRATING LAND-BASED INFORMATION	Tanik, A., Seker, D. Z. Gurel, M.,	25
FOR WATERSHED MODELLING IN A COASTAL AREA VIA	Yuceil, K., Karagoz, I., Erturk, A.and	
GIS	Ekdal, A.	
TESTING THE CORMIX2 AND VISJET MODELS TO	Etemad-Shahidi and A.H. Azimi	26
PREDICT THE DILUTION OF SAN FRANCISCO OUTFALL		
PERFORMANCE OF AN INTEGRAL TYPE MODEL APPLIED	Azimi H. and Etemad-Shahidi, A.	27
TO OCEAN OUTFALLS		
A 3D MATHEMATICAL MODEL OF VISTULA LAGOON	Bielecka, M. and Kazmierski, J.	28
HYDRODYNAMICS - GENERAL ASSUMPTIONS AND	, , , ,	
RESULTS OF PRELIMINARY CALCULATIONS		
A DECISION SUPPORT TOOL FOR INTERNATIONAL	Dela-Cruz, J., Macleod, C., Haygarth,	29
DIFFUSE POLLUTION MANAGEMENT	P. Glegg, G., Scholefield, D., and Mee,	
	Ι.	
THE EFFECTS OF FRONTAL SYSTEMS ON MIXING IN	Duck, R.W. and McManus'J.	30
ESTUARIES	Duck, R. W. and Momando V.	20
MANAGING EXCESSIVE ALGAL CAUSED OXYGEN	Lee, G.F. and Jones-Lee, A.	31
DEMAND IN THE SAN JOAQUIN RIVER DEEP WATER SHIP	Lee, G.I. and Jones Lee, M.	51
CHANNEL		
ARE THERE ANY TRENDS IN WATER QUALITY,	Margoñski, P.and Horbowa, K.	32
CHLOROPHYLL A AND ZOOPLANKTON OF THE VISTULA	Wargonski, F. and Horbowa, K.	52
LAGOON (SOUTHERN BALTIC SEA) AS A RESULT OF		
CHANGES IN NUTRIENT LOADS?		
THE QUANTIFICATION OF ORGANIC AND NUTRIENT	Boyes, S.J. & Elliott, M.	33
INPUTS FROM ITS CATCHMENT TO THE HUMBER	Doyes, S.J. & Emou, M.	55
ESTUARY		
NITROGEN SURPLUS AS INDICATOR OF AGRICULTURAL	Burigana, E., Giupponi, C. and	34
	Burigana, E. ,Giupponi, C. and Bendoricchio' G.	34
POLLUTION IMPACT IN THE VENICE LAGOON WATERSHED	Denuoricciiio G.	
	Edwards M. Decugrand C. and D. 1	25
CLIMATE FORCING FACTOR IN THE ASSESSMENT OF	Edwards, M.; Beaugrand, G. and Reid,	35
EUTROPHICATION AFFECTED REGIONS	Р.	