

# **RRADEW WP5:**

## **Cross-cutting issue “Ethical challenges”**



**Co-funded by  
the European Union**



WP0: Coordination of project activities

CEPN (leader)	SCK CEN	KIT	IRSN	NMBU	ISPNNP	NRCRM	LU	UKHSA	USB	CIEMAT	APA	ENSOSP	UA	Total
5	-	0,2	0,2	0,2	0,2	-	-	-	0,2	-	-	-	-	6

WP1: Identification, evaluation and selection of relevant war scenarios, leading to radiological consequences

CEPN	SCK CEN	KIT	IRSN	NMBU	ISPNNP (leader)	NRCRM	LU	UKHSA	USB	CIEMAT	APA	ENSOSP	UA	Total
0,75	-	1	-	2,25	22,75	0,5	0,5	-	-	1,75	2	-	-	31,5

WP2: Framework to characterise resilience at different levels in the context of nuclear emergencies in armed conflicts situations

CEPN	SCK CEN	KIT (leader)	IRSN	NMBU	ISPNNP	NRCRM	LU	UKHSA	USB	CIEMAT	APA	ENSOSP	UA	Total
-	9	13,5	0,5	3,75	6	1	0,5	1,75	-	6	2	-	-	44

WP3: Case Studies on resilience

CEPN	SCK CEN	KIT	IRSN (leader)	NMBU	ISPNNP	NRCRM	LU	UKHSA	USB	CIEMAT	APA	ENSOSP	UA	Total
6,5	-	3	9,75	-	13	18,75	5,25	-	14,5	-	1,5	0,75	7	80

WP4: Strategies for building resilience

CEPN	SCK CEN	KIT	IRSN	NMBU (leader)	ISPNNP	NRCRM	LU	UKHSA	USB	CIEMAT	APA	ENSOSP	UA	Total
2,75	2,25	2,5	1,5	4,75	6	1	1	1,75	2	2,5	2	5,75	1	36,75

WP5: Ethical challenges

CEPN	SCK CEN	KIT	IRSN	NMBU	ISPNNP	NRCRM	LU	UKHSA	USB (leader)	CIEMAT	APA	ENSOSP	UA	Total
1	0,25	-	-	1	1,5	-	-	-	3,5	-	-	-	-	7,25

RRADEW (TOTAL PMs)

CEPN (coord.)	SCK CEN	KIT	IRSN	NMBU	ISPNNP	NRCRM	LU	UKHSA	USB (leader)	CIEMAT	APA	ENSOSP	UA	TOTAL
16	11,5	20,2	11,95	11,95	49,45	21,25	7,25	3,5	20,2	10,25	7,5	6,5	8	205,5

## WP5 - Ethical challenges

Ethical challenges will be addressed as a cross-cutting issue throughout the project. Key questions addressed include:

- whether the same ethical principles apply in an armed conflict situation as an otherwise peaceful situation;
- whether, if the same principles apply, their relative importance is the same in a society at war or in peace, or different principles take precedence in each situation;
- whether potentially affected populations and members of the civil protection agencies or integrated rescue services are aware of/in agreement with such considerations;
- whether the perception of ethics differs in societies currently in an armed conflict, in those considering themselves close to being drawn into such a situation, or those at a distance.

1-Feb-24	févr-24	mars-24	avr-24	mai-24	juin-24	juil-24	août-24	sept-24	oct-24	nov-24	déc-24	janv-25	févr-25	mars-25	avr-25	mai-25	juin-25	juil-25	août-25	sept-25	oct-25	nov-25	déc-25	janv-26	févr-26	mars-26	avr-26	mai-26	juin-26	juil-26													
Month	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12	M13	M14	M15	M16	M17	M18	M19	M20	M21	M22	M23	M24	M25	M26	M27	M28	M29	M30													
WP0	Facilitation and coordination of project activities																																										
Task 0.1	M0.1 (KO)		M0.3		M0.4							M0.7 (WS)					M0.8 (WS)										M0.9 (WS)																
Task 0.2	M0.6																																										
Task 0.3	M0.2				M0.5																																						
WP1	Identification, evaluation and selection of relevant war scenarios, leading to radiological consequences																																										
Task 1.1	M1.1																																										
Task 1.2				M1.2																																							
Task 1.3											D1					M1.3																											
WP2	Framework to characterise resilience at different levels in the context of nuclear emergencies in armed conflicts situations																																										
Task 2.1	M2.1																																										
Task 2.2												M2.2												M2.3					D2.1		D2.2												
Task 2.3																																											
WP3	Case Studies on resilience																																										
Task 3.1	Elaboration of questionnaires				M3.1		Case studies in four past and present areas of conflict or catastrophe (UA, CZ, BH+HR, JAP)											M3.2a		M3.3					D3																		
M3.4																																											
M3.5																																											
Task 3.2																																											
Task 3.3																																											
WP4	Strategies for building resilience																																										
Task 4.1																																											
Task 4.2												M4.3												M4.1					M4.2								M4.4						
Task 4.3																																M4.5								D4			
WP5	Ethics (& cross-cutting issues)																																										
Task 5	M5.1 (WS)																													M5.2					D5								

## WP5 Milestones

M5.1. Workshop on ethical issues organised in conjunction with the 6th International Symposium on Ethics of Environmental Health (M8, USB);

M5.2. Draft document on ethical issues in an armed conflict situation (M26, USB, NMBU);

Deliverable D5. Summary document on ethical issues (as part of D4, USB, M29).



SEPTEMBER 2024  
IN BUDWEIS, CZECH REPUBLIC

## Sixth International Symposium on **Ethics of Environmental Health**

Text

in conjunction with a workshop on "Ethics of Environmental Health in Armed Conflict Situations"

27 participants from 13 countries, 11 presentations by RRADEW members, small group discussions

Gaston Meskens wrote a **summary report**, which can serve as input for our „Summary document on ethical issues“ forming part of the final RRADEW report, as well as for...

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... an **ethics chapter in the joint paper** planned for the special issue of „Journal of Radiological Protection“ on „Regulation of Radiation and Nuclear Safety During and in the Aftermath of Armed Conflict“

Deborah Oughton is lead author, all WP5 members will have an opportunity to contribute.

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A **selection of contributions** to the 2024 symposium and workshop will (hopefully) be published by Routledge, Oxford, under the title „Ethics of Environmental Health in Emergency Situations“

Four sections with four chapters each: General concepts / Ethics in Emergency Situations / Ethics in Armed Conflicts / Risk Communication in Crisis

9 of the 16 chapters will be written by RRADEW members.

WP5 had 5 online meetings.

These were mostly focused on the preparation of the symposium/workshop.

One was dedicated to the collaboration/coordination with WP3:

The reports from the WP3 interviews will be very useful material for an analysis of the ethical issues on the minds of those affected by, or involved in managing a radiological emergency...

For this analysis of the interview material, it would be good to have a grid or a matrix of values which would allow the categorisation of responses or attitudes. As a first approximation one could probably use the 4 core values and 3 procedural values of ICRP 138, but additional values could be taken from the ICRP publications on the environment (ICRP 91) and on medical diagnosis and treatment (ICRP 157). This matrix should be discussed and hopefully finalised in the RRADEW meeting in Portugal end of March. Additions might have to be made to cover special challenges in armed conflict situation

Whether this will lead to an additional paper by the group also needs to be discussed.