

Contents

I. Barnet	Regional transfer factor in Central Bohemia (Czech Republic).....	5
Martin Neznař, Matěj Neznař	International intercomparison measurement of soil gas radon concentration, of radon exhalation rate from building materials and of radon exhalation rate from the ground.....	12
F. Tondeur, I. Gerardy	Search of small radon-prone hot spots in unaffected areas on geological basis.....	23
H. Busch, W. Preusse and A. Sperrhacke	Radon in dwellings in the southeast Saxon district of Löbau-Zittau.....	27
V. Petersell, G. Åkerblom, Britt-Marie Ek, V. Mõttus, K. Täht, M. Enel	Radon in soil air of Estonia.....	37
Ch. Boehm	Radon risk mapping by means of hydrogeological investigations - example of the Grisons, Switzerland.....	49
A. Merle-Széréméta, C. Ferry	RADON2: a tool to assess radon concentrations in buildings.....	54
G. Ielsch, J.M. Torrenti	A predictive methodology developed in France for mapping the radon-222 exhalation rate at soil surface.....	58
B. Dehandschutter, J. Klerkx, A. Poffijn	Significance of high radon risk zones in the Lower Devonian meta-sedimentary series of the Ardenne, Belgium.....	67
J. Moriizumi, H. Yamazawa, H. Aoshima, T. Ohkura, T. Iida, T. Machida, T. Watai, O. A. Krasnov, and G. Inoue	The Temporal Variation in Atmospheric Radon-222 Concentrations in West Siberian Forest: High Concentrations in Snow Covered Season.....	73
R. Fujiyoshi, M. Kinoshita, S. Sawamura	Variation of ^{222}Rn activity concentration in soil gas at a site in Sapporo, Japan.....	80
C. Papastefanou, M. Manolopoulou, S. Stoulos, A. Ioannidou and E. Gerasopoulos	Radon mapping and absorbed dose measurements in a Pleistocene cave operating as a show cave.....	87
V. Goliáš, D. Pittauerová, R. Procházka, Z. Třískala, M. Fejgl	Radon source determination by means of radon isotopes progeny measurements.....	94

M. Trautmannsheimer, S. Körner	
Correlation of ground water, indoor radon concentrations and staff exposure in water supply facilities.....	101
L.B. Robertson, D.S. Stevenson, F. Conen	
Improving validations of atmospheric transport models by using a latitudinally-dependent ^{222}Rn source term.....	110
M. Jiránek	
Forms of sub-slab depressurization systems used in the Czech Republic.....	119
J. Hůlka, J. Thomas	
Radon programme in the Czech Republic – experience and further research.....	126
A. Froňka, L. Moučka, J. Pašek	
Utilization of blower door method in radonproblematic.....	127
W. Meyer, R. Lehmann, J. Kemski, R. Klingel	
Influence of building-specific characteristics on the transfer factor and prognosis of the transgression probabilities of given radon concentrations.....	128
R. Lehmann, W. Meyer, J. Köppke, S. Hauptmann, J. Kemski, R. Klingel	
Assessment of the Quantity of Family Houses with Radon Concentrations in Rooms above Certain Threshold Values.....	133
D. Appleton	
Influence of the type and thickness of superficial deposits on geological radon potential in England and Wales.....	136
D. Appleton	
Influence of faults on geological radon potential in England and Wales.....	146
R. Klingel, J. Kemski	
Radon transfer and prognosis.....	154
M. Matolín	
Radon standardization at reference sites in the Czech Republic.....	155
J. Slovák	
State office for nuclear safety and providing a subsidy to eliminate radiation burdens.....	160
P. Pacherová	
Radon database – the statistical evaluation.....	161
L. Thinova, Z. Berka, E. Brandejsová, V. Zdimal	
Effective Dose Calculation Using Radon Daughters and Aerosol Particles Measurement in Bozkov Dolomite Cave.....	168