

INDEX

	Page
Presentation	9
<i>Miguel Ángel Ballesteros</i>	
Prologue	11
<i>Román Oyarzun Marchesi</i>	
Introduction	15
<i>Vicente Garrido Rebolledo and Fernando Borredá Juste</i>	
National Action Plan 1540: The whole-of-government approach and its consequences, both national and international	23
<i>Fernando Borredá Juste</i>	
Introduction	23
The strategic nature of Resolution 1540	25
The evolving threat: new challenges in the proliferation of weapons of mass destruction	26
Weaknesses in implementation of the resolution	28
Opportunities for an integrated, comprehensive and coordinated approach ..	29
Conclusions	31
Resolution 1540: Summits and other international initiatives on nuclear security	33
<i>Fernando Borredá Juste and Juan Blázquez Martínez</i>	
Introduction	33
The United Nations Organization (UN)	35
The system of nuclear security summits	36
The International Atomic Energy Agency	39
<i>Interpol</i>	40
The Global Initiative to Combat Nuclear Terrorism	40

	Page
Global partnership against the spread of weapons and materials of mass destruction	41
Conclusions	42
The biological threat, non-State actors and biosecurity	45
<i>Rafael Pérez Mellado</i>	
Introduction	45
Absence of verification and its negative implications	46
Characteristics of the biological threat	47
Measures to counter a biological attack	49
A national biosecurity regime	49
Biosecurity culture	51
Discussion and conclusions	52
National network of biological-alert laboratories	55
<i>Carmen Cañavate Cañavate</i>	
Introduction	55
Biological attack: preparation and response	56
Functions of the network of biological-alert laboratories	57
Organisational and management structure	57
Network response to a biological attack	58
Value added by the network of biological alert laboratories	58
Conclusions and recommendations	60
The proliferation of weapons of mass destruction: future challenges	61
<i>M^a del Mar Hidalgo García</i>	
Introduction	61
Weapons of mass destruction: an umbrella term that is becoming inadequate	62
The evolution of nuclear weapons	63
Rapid and unpredictable advances in biological and chemical weapons ...	65
The difficulty in assigning responsibility for an attack with CBRN weapons	66
Access to information and the transfer of intangible technology	67
New technological weapons	69
Conclusions	69
UNSC Resolution 1540 and the regional organisations: NATO, EU and OSCE	73
<i>Antonio Barrera Comendador</i>	
Introduction	73
Threats and risks	74
NATO	75
European Union	77
OSCE	80
Cooperation among international organisations	83
Cooperation with the 1540 Committee	83
Cooperation among NATO, EU and OSCE	84
NATO, EU and OSCE in the Comprehensive Review of UNSCR 1540	84

	Page
Some solid advances: Resolution 1540 in sub-Saharan Africa	87
<i>Ignacio Cartagena Núñez</i>	
Introduction	87
Causes of delayed implementation in sub-Saharan Africa: lack of technical capabilities and different perceptions of security	88
Resolution 1540 and its application to sub-Saharan Africa	89
The full implementation of Resolution 1540: some proposals	91
Conclusions	94
Law enforcement bodies under the framework of the UNSCR 1540: assessment, analysis and proposals of improvement....	97
<i>Joaquín Rebollo González</i>	
Introduction	97
Analysis and assessment	98
Conclusions and Recommendations	102
The role of the customs in the fight against the new trends of proliferation	105
<i>José Luis Valle María</i>	
Introduction	105
The perspective of the Customs	107
<i>Facilitation versus Security</i>	107
<i>Customs capacity building</i>	108
<i>Customs Security Program</i>	109
<i>Risks management</i>	110
<i>Use of modern technologies of detection</i>	111
<i>Authorized economic operators (AEO)</i>	112
Key Challenges from the Customs Perspective	112
Summary	115
Involvement of the industry, outreach and awareness	117
<i>Juan Blázquez Martínez</i>	
Introduction	117
Wiesbaden Process	119
Strategic Approach	120
<i>Weaknesses</i>	121
<i>Threats</i>	121
<i>Strengths</i>	121
<i>Opportunities</i>	122
Conclusions	123
Appendix I	124
The Spanish Nuclear Sector	124
Appendix II	127
Lessons acquired from the Wiesbaden Process	127
<i>Controlling the purposes of the Resolution 1540</i>	127
<i>Communicating the Resolution 1540 to the industry</i>	127
<i>Opening to criticism</i>	127
<i>Private companies and associations</i>	127

	Page
Motivation	128
Raising awareness in research centres about the spread of WMD. <i>Javier Quiñones Díez</i>	129
Introduction	129
National strategic approach	130
Analysis	131
Conclusions and Recommendations	134
The UNSCR1540: the role of national parliaments	135
<i>Francisco Márquez de la Rubia</i>	
Introduction	135
A new legislative and parliamentary scenario	136
The Parliament as the driver of the Action of the Executive	137
The Parliament along with Civil Society	138
The Parliament and the “Strategic Communication” of the UNSCR1540	139
The Parliament, the Concept of Threat, the Security Culture and the De- fence Culture	140
The Parliament and its connection with the University	141
The Parliament and its counterpart: the European Union	142
Conclusions	143
The reinforcement of the requirements to prevent and control the proliferation of weapons of mass destruction financing	145
<i>Raquel Cabeza Pérez</i>	
Introduction	145
Financial aspects of the Resolution 1540 (2004)	148
UN Security Council Resolutions relevant to achieving the objectives of the Resolution 1540 (2004) adopted by the Security Council	148
How can we strength the purposes of the UN Security Council Resolution 1540?	149
<i>Emphasize the importance of fighting terrorism UN Security Council Re- solutions enforcement</i>	150
<i>Introduce the obligations for the prevention of terrorism financing as a tool to prevent proliferation</i>	150
<i>Demands for public-private collaboration</i>	152
Annex I	153
Resolution 1540 (2004)	153
Annex II	159
Resolution 1977 (2011)	159
Annex III	167
Action plan of Spain for the implementation of Security Council Resolu- tion 1540 (2004)	167
Composition of the working group	179