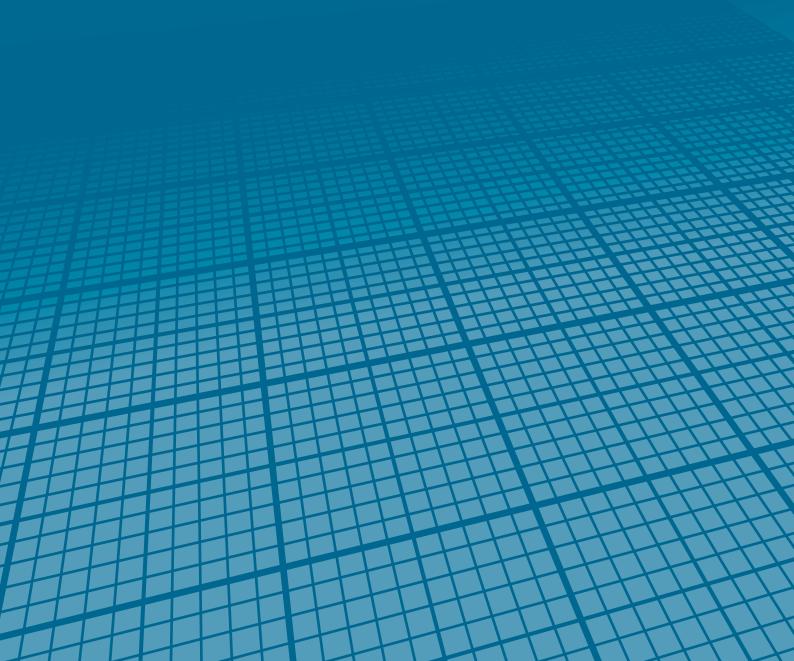
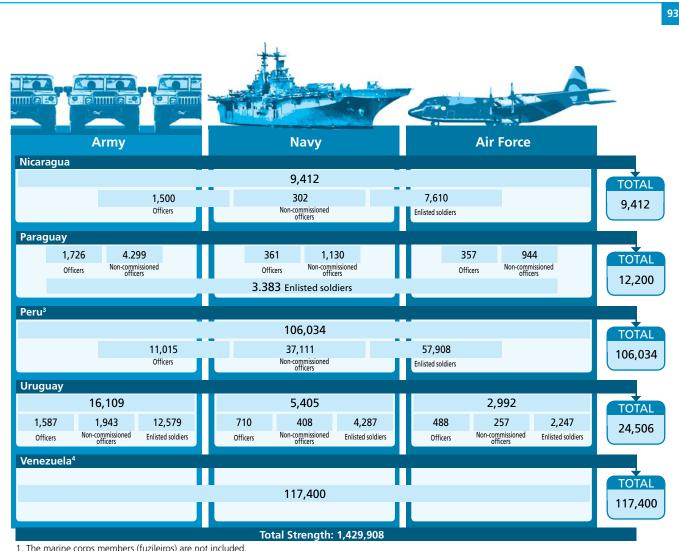
The Armed Forces

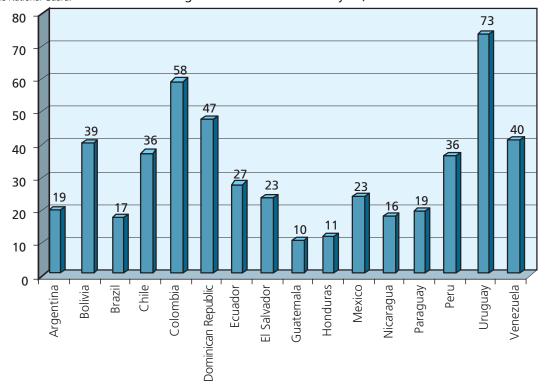




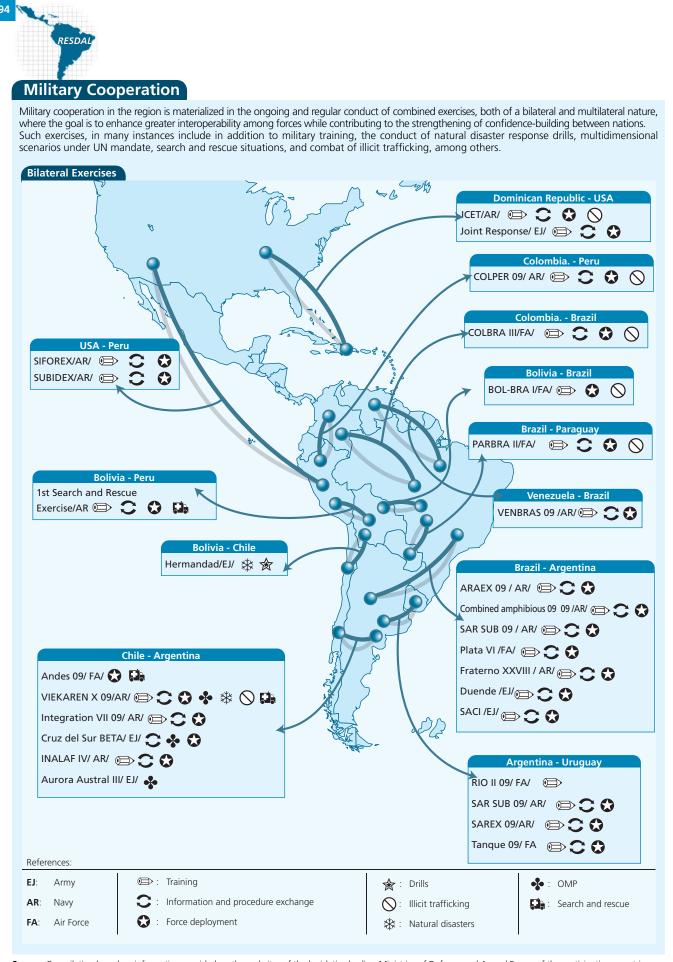


- 1. The marine corps members (fuzileiros) are not included.
- Data for 2009
- 3. Data for 2009.4. Includes the National Guard.

Number of regular Force members every 10,000 inhabitants



Source: Agencies and official documents specified in section "The countries" fo this publication. Information on population provited by the Statisticaal Yearbook for Latin America and the Caribbean, 2009, ECLAC (Population Forecat 2010).



Source: Compilation based on information provided on the websites of the legislative bodies, Ministries of Defence and Armed Forces of the participating countries.

Multilateral Exercises						
Exercise	Ту	pe of Ex	kercise		Force	Participants
ACRUX 2009	•	C			Navy	Argentina, Bolivia, Brazil, Paraguay, Uruguay.
PANAMAX 2009		0			Navy, Army	Argentina, Belize, Brazil, Canada, Chile, Colombia, Costa Rica, Dominican Republic, Ecuador, El Salvador, France, Guatemala, Netherlands, Nicaragua, Mexico, Panama, Paraguay, Peru, United States, Uruguay.
Multinational Alliance Operation		C			Navy	Brazil, Chile, Colombia, Peru, United States.
UNITAS 50 GOLD					Navy	Argentina, Brazil, Canada, Chile, Colombia, Dominican Republic, Ecuador, France, Germany, Mexico, Peru, Uruguay, United States.
Salitre 2009		C			Air Force	Argentina, Brazil, Chile, France. United States.
Team Work South	⊕				Navy	Brazil, Chile, France, United Kingdom, United States.
SOUTHERN EXCHANGE 2009		C			Navy	Argentina, Brazil, Chile, Colombia, Peru, United States, Uruguay
INTEGRATION		C			Army	Argentina, Bolivia, Brazil, Chile, Colombia, Ecuador, Paraguay, Peru, Uruguay, Venezuela.
VII Multilateral War Exercise	Ô	S	☆	\Diamond	Navy	Argentina, Brazil, Canada, Chile, Ecuador, Peru, United States.
TRANSOCEANIC XXIV	0	☆	\Diamond		Navy	Argentina, Brazil, Chile, Colombia, Ecuador, Mexico, Paraguay, Peru, South Africa, United States, Uruguay, Venezuela.
Transamerica VII		兪	0		Navy	Argentina, Brazil, Chile, Colombia, Ecuador, Mexico, Paraguay, Peru, United Stated, Uruguay, Venezuela.
Military Exercise		C		\Diamond	Navy	Colombia, Honduras, United States.
AMERICAS 09		C	☆	*	Navy, Army, Air Force	Argentina, Belize, Brazil, Canada, Chile, Colombia, Dominican Republic, Ecuador, El Salvador, Guatemala, Honduras, Nicaragua, Paraguay, Peru, United States, Uruguay.
Southern Star		C		•	Army, Air Force	Brazil, Chile, Paraguay, United States, Uruguay.
Exercise for assistance in the event of disaster		C	合	*	Army	Argentina, Bolivia, Brazil, Chile, Colombia, Ecuador, Paraguay, Peru, Uruguay, Venezuela.
FAHUM		C		*	Navy	Costa Rica, Dominican Republic El Salvador, Guatemala, Honduras, Nicaragua, Panama, United States.
International Military Patrol Competition	②				Army	Argentina, Canada, Chile, Ecuador, Paraguay, United Kingdom, United States.
2009 Command Forces	0				Army	Argentina (Gendarmerie), Barbados, Belize, Brazil, Chile, Colombia, Costa Rica, Dominican Republic, Ecuador, El Salvador, Guatemala, Guyana, Honduras, Jamaica, Mexi- co, Nicaragua, Panama, Paraguay, Peru, Trinidad and To- bago, United States, Uruguay.

In 2007, during the XLVII CONJEFAMER (Conference of Air Chiefs of the Americas), the conduct of an exercise was agreed for the integrated response to natural disaster events. Thus, "COOPERATIÓN I" Exercise was designed, to be conducted in October 2010, with Chile as the host country. The Air Forces of Argentina, Bolivia, Brazil, Canada, Colombia, Chile, Dominican Republic, Ecuador, Panama (National Air Naval Service), Paraguay, Peru, United States and Uruguay take part. The Exercise is based on quick and predefined deployment of the aircraft to a disaster area, followed by a short force training and integration period. The goal is to contribute to the standardization of procedures and the definition of a common action methodology for the Air Forces of the Americas to be able to act promptly and effectively in the event of an emergency.

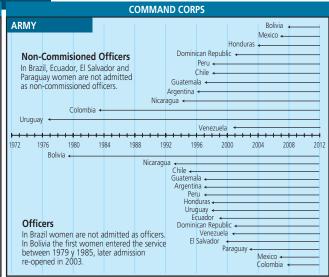
Argentina-Chile "CRUZ DEL SUR" Combined Joint Peace Force In December 2005, the Ministers of Defence of the Republic of Argentina and the Republic of Chile signed a bilateral agreement for the purpose of setting up the Argentine-Chilean Combined Peace Force "CRUZ DEL SUR." This project comprised the creation of a rapid deployment force under the UNSAS (United Nations Stand By Arrangement System)- with the capability to deploy within a 30/90 day period from the time the UN Security Council Resolution is passed until the deployment of a generic peacekeeping and stabilization mission; and with a self-sustaining capacity in the area for 90 days. In October 2008, the Ministers of Defence of Republic of Peru and the Republic of Argentina agreed on the creation of the Binational "Libertador Don José de San Martín" Company of Engineers intended for the joint construction of infrastructure work needed by the Haitian people within the framework of the MINUSTAH, a mission in which both countries already have military personnel deployed. A similar initiative was the creation of the Combined Chilean - Ecuadorian Company of Horizontal Construction Engineers, a unit that has been operating since 2009.

Sources: Compilation based on websites of the Ministry of Defence of Argentina, National Defence Staff of Chile, and the Joint PKO Center of Chile (CECOPAZ). *Memorándum de Entendimiento Fuerza de Paz Combinada Argentino-Chilena "Cruz del Sur"*, 2006. *Memorándum de Entendimiento Fuerza de Paz Combinada Argentino-Peruana "Libertador Don José de San Martín"*, 2008. Website of the legislative bodies, Ministries of Defence and Armed Forces of the participating countries. More information on Chapter 9.

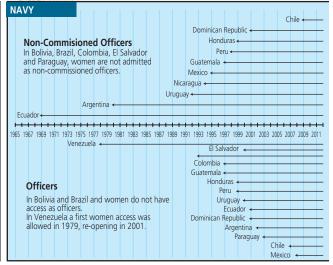


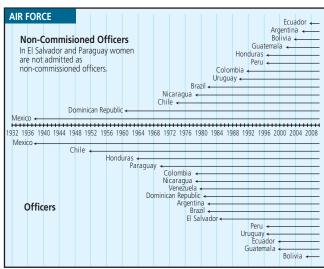
Women's Admission to the Armed Forces (year)













Note: The Command corps includes officers who have been educated at military academies from the beginning of their professional careers. The Professional corps refers to those who develop a career in the civilian sphere and are then incorporated to the armed forces. In Venezuela the admission of women into the National Guard was 1970 for the Staff corps and 2001 for the Command corps.

Company-grade Officers

Peru: Lieutenant **Uruguay:** Captain

Argentina: Lieutenant Chile: Lieutenant Colombia: Captain Ecuador: Captain El Salvador: Lieutenant Honduras: Captain Guatemala: Lieutenant Paraquay: Lieutenant

Staff-grade Officers

Brazil: Lieutenant-Colonel Dominican Republic: Captain*

* According to the officers classification they belong to Intermediate Officers category.

**Generals are women officers from the professional corps.

Note: In the case of Bolivia, women officers are in the 4° year of instruction.

Information about Cuba is not available

Admission of Women into Military Training Specialties (Officers, command corps)

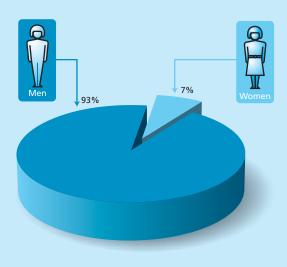
	Admission level sorted by corps and specialty			
Country	Army	Navy	Air Force	
1. Argentina	Partial	Total	Total	
2. Bolivia	Total	No access	Total	
3. Brazil	No access	No access	Partial	
4. Chile	Partial	Partial	Total	
5. Colombia	Total	Total	Total	
6. Cuba	n/a	n/a	n/a	
7. Dominican Republic	Partial	Partial	Partiall	
8. Ecuador	Partial	Partial	Partial	
9. El Salvador	Partial	Partial	Partial	
10. Guatemala	Partial	Total	Total	
11. Honduras	Partial	Total	Total	
12. Mexico	Partial	Partial	Partial	
13. Nicaragua	Total	Total	Total	
14. Paraguay	Partial	Partial	Partial	
15. Peru	Partial	Partial	Partial	
16. Uruguay	Total	Total	Total	
17. Venezuela	Total	Total	Total	

- 1. No access to infantry or cavalry in the land force.
- 3. No access to infantry or first class technician.
- 4. No access to infantry, armoured cavalry in the land force; to marine corps and its specialties on material, submarines, tactical diving, rescue diving and lighthouses in the naval force.
- 7. No access to combat related specialties.
 8. No access to infantry, armoured cavalry or aviation in the land force, to submariners and naval aviation in the naval force, or to paratrooper corps, helicopter pilot, special operation, air combat control or liaison officer positions in the air force.
- No access to combat-related specialties.
 No access to artillery, engineering or cavalry in the Army.
- 11. No access to artillery, infantry or cavalry in the Army.

 12. No access to combat-related specialties.
- 14. No access to infantry, cavalry or artillery in the Army; submarines, infantry, special operations, diving or rescue in the Naw; or combat pilot, air defence or special operations positions in the Air Force.
- 15. No access to artillery, cavalry or religious services in the Army; to submarine crew, intelligence or special operation forces in the Navy, nor to combat pilot or intelligence in the Air Force

Porcentage of women in the Armed Forces

Venezuela: Maior General



Note: it includes officers, NCO's and enlisted troops. The graph does not include Brazil, Dominican Republic and Nicaragua.

Source: Data gathered through interviews with Army Officers and the Ministry of Defence (Argentina). Directorate of Human Rights and Inter-culturality of the Ministry of Defence (Bolivia). websites of the Armed Forces (Brazil). Personnel Directorates of the Army, Navy and Air Force (Chile). Ministry of Defence and National Navy (Colombia). Directorate of Human Rights of the Ministry of Defence (Ecuador). Ministry of Defence and Peacekeeping Operations Training Institute of the Armed Forces (El Salvador). Ministry of National Defence (Guatemala). General Command of the Air Force, General Command of the Naval Force and Joint Chief of Staff of the Armed Forces (Honduras). Memoria 1979-2009 (Army of Nicaragua). Secretary of the National Defence and Secretary of the Navy (Mexico). Ministry of National Defence (Paraguay). Human Resources Directorate of the Ministry of Defence (Peru). Third Department of the Army General Staff, National Army and Uruguayan Air Force Public Relations Directorate, National Peacekeeping Operations Training Centre and Navy General Staff (Uruguay). Ministry of the Popular Power for the Defence (Venezuela). Project 07-184 Global Peace and Security Fund - RESDAL.



Military Service

Reserve

Mexico and Cuba are the only cases with a reserve corps system in place.

In Mexico, recruitment in the Army and Air Forces is done in two ways: **voluntarily** or through **conscription** (NMS).

NMS Personnel Non-commissioned	NMS Personnel recruited in 2009.		
officers in 2009.	Enlisted	Reserve	
511,999	63,980	363,262	

The number of candidates who entered the ground and air forces voluntary military service in 2009 was 13,359.

Professional soldiers

In Chile, the professional enlisted soldiers reached the number of 3,703 members of staff in 2009. In 2010, the system was also maid available to the Air Force. The number of professional soldiers is estimated to reach 5,000.



Voluntary – conscription system relationship

According to the Guatemalan Civil Service Act, all the citizens of Guatemala have the right and the responsibility to provide service to their country. During the first stage, participation shall be voluntary. If the numbers expected are not reached, the general practice is to conduct a draw. The summon prior to the mandatory call can equal or exceed the available vacant places. For instance, in 2009 the total amount of conscripts in Chile joined the military service on a voluntary basis.

The following data belongs to Guatemala:

Guatemala (2009)			
Entered	Discharged		
6,438 (Enlisted soldiers)	6,180 (Enlisted soldiers)		
107 (experts)	80 (experts)		

In countries where military service is mandatory, men always have to serve while women may do so voluntarily in times of peace or be drafted in the event of war or emergency.

Brazil: 1 year.
El Salvador: 1 year.
Mexico: 1 year.
Paraguay: 1 year.
Venezuela: 1 year.

1 year

Bolivia: 2 years. Chile: up to 2 years. Colombia: 1 to 2 years. Cuba: 2 years. Guatemala: up to 18

2 years

months.

Ecuador: 1 year. Nicaragua: 1 year. Argentina: 2 years. Honduras: 2 years. Peru: Up 2 years. Uruguay: 2 years.. Dominican Republic: 4 years.

4 years

Conscription

El Salvador (2009)				
Candidates Admitted Candidate				
Ground Force	1,613	224		
Air Force	74	0		
Naval Force	92	67		

Voluntary

Brazil (2009)			
Admitted Candidates			
Ground Force	61,610		
Air Force	6,553		
Naval Force	3,131		

Paraguay (2009)				
Total	3,927			

Geographical Distribution of the Recruited Persons

3 years

Bolivia (2009)	
La Paz	11,261
Potosí	1,101
Oruro	2,040
Tarija	714
Santa Cruz	3,840
Beni	1,287
Cochabamba	6,950
Chuquisaca	682
Pando	58
TOTAL	27,933

Women in the Military Service

All the countries of the region with a voluntary military service regime allow both men and women to be candidates. Some examples are:

Argentina (Ground Force - 2009).					
М	en	Women			
Candidates	Admitted Candidates	Candidates	Admitted Candidates		
9,038	5,276	2,711	748		

Chile (Ground Force - 2009)					
Candio	dates	Admitted candidates			
Women	7,531	Women	1,200		
TOTAL	32,297	TOTAL	13,608		

Argentina (Admitted Candidates – Ground Force 2009)	
Buenos Aires: Azul / Tandil / Mar del Plata / City Bell / Bahía Blanca	459
Región Metropolitana: Campo de Mayo / CABA	1,111
Entre Ríos	484
Salta / Jujuy / La Rioja / Tucumán	354
Neuquén / Río Negro	442
Mendoza / San Luis / San Juan	445
Chubut	271
La Pampa	357
Santa Cruz	720
Formosa / Chaco / Corrientes / Misiones	278
Santa Fe / Corrientes	404
Córdoba / Santiago del Estero	717

Source: Legislation regulating the military service in the different countries. Data: Ministries of Defence of the corresponding countries.

Analisys

Military Organization and Force Design

Jaime García Covarrubias

Professor of National Security Affairs - Centre for Hemispheric Defence Studies

The concept of military "transformation" emerged in the United States in the 1970s, when Generals Starry and Morelli, with Alvin Toffler's prospective advice, started to think about the type of war that would be waged by the end of industrial society, in an age dominated by cybernetics with a strong technological component. Their conclusion was clear: the new type of war required a military force with sophisticated armament, more qualitatively than quantitatively equipped, with personnel with higher intellectual preparation. However, the word "transformation" was not formally adopted at that time.

It would be the Bush administration that placed emphasis on the project. Soon after the inauguration of the Republican government a Force Transformation Office was created within the Department of Defence. The process began in 2001, but it was also hit by the impact of international contingencies. Indeed, after the attack on the Twin Towers, it focused on the fight against terrorism and the lessons learnt in the Iraq War. In this new scenario, it became clear that excessive technology and qualitative forces did not necessarily guarantee success. Discordant voices were heard from high-ranking military officers, both in active service and retired. Later on, after the Rumsfeld resignation, the Force Transformation Office (based in Norfolk) was dissolved and all its activities distributed to differ-

ent structures within the Department of Defence.

Without attempting, for reasons of space, a complete analysis of the subject, it is worth underscoring the so-called Network Centric Warfare. This element was defined as a new "war theory" and constitutes a platform of command, control and employment based on the integration of strategic systems, techniques, emerging tactics, procedures and organizations which give a decisive advantage in war fighting.

The other significant measure was the implementation of inter-agency coordination and the joint employment of State and Defence Departments in operations. The core idea was integrating political and military aspects from the beginning of any conflict. So, while military operations evolve, activities prior to the stabilization and reconstruction phases are conducted in parallel.

Simultaneously, in 2001, the notion of military transformation spread to Latin America, and in 2003 Chile adopted it, when its Modernisation Plan started to focus on transformation. Around that time, something similar was announced in Uruguay, but the initiative did not prosper. In turn, Colombia applied a scheduled renewal process to its armed forces by adopting the joint system but without speaking of transformation with the meaning that was attributed to the term in the US. The rest of the countries did not adhere to



this notion but started to watch closely what was going on in the north. Obviously, certain countries ruled out the model from the outset owing to its high technological demands and its inapplicability in countries ranking low among national powers. This means that there was no regional consensus on the matter which did not elicit more than initial curiosity. The expression "military transformation" disturbed and perhaps even confused the natural intentions in military renewal and reform processes already underway in some countries. This happened because the United States concept was adopted but its content was not incorporated.¹

It is worth noting then, that if in the United States the initiative responded to change in the nature of war, in our region undertaking as radical a process as transformation ended up as unnecessary.

Adopting a notion like military transformation necessarily demands adopting as well a new theory. When faced with the need to define a new theory it should be clear that the original factors in the analysis will be the so-called *military control elements*: objective, scenario, military forces, time and the principles of war.

Owing to the existing confusion and the interest in reforming the region's armed forces, a number of years ago I proposed two triangles to analyze the reformation process, modernization, military change or whatever name we would like to give it. These triangles make available a methodology for the study of all three basic elements of the armed forces in their relation to society and all three elements intrinsic or endogenous to the force. The triangle analyzed in this work is the one I mentioned first. On the upper vertex is the *nature* of the armed forces, because they were born to perform a task that the social group entrusted them with since their inception. On the right vertex, the *legal standard*, then the Rule of Law gave them a legal framework. On the left vertex, the State delivers certain capabilities for them to perform their natural work according to the legal framework. These components or basic axes interact with each other and any change in one of them will impact on all others. Therefore, the options to reform, modernize or "transform" -if you like- are associated with the depth and scope of what needs to be changed.

It is important to understand and accept the reasons why the armed forces in the region have the characteristics they have. Constitutions, standing at the top of the legal obligations pyramid, are, in those cases where the armed forces are referred to therein, their primary reference. Structuring armed forces in terms of threats does not seem to have any strategic sense. Threats are more volatile than Constitutions and may come and go; for this reason, threats may have an impact on operational or tactical changes in the short and medium term, but the strategic reason for armed forces design is a constitutional mandate, or, in certain cases a legal mandate, and must be commensurate with the country's strategic challenge. When a country finds such a mission excessive, it has the political (certainly not the military) task of changing the role for those forces.

In this scenario, the study of reformulating the military apparatus must be undertaken based on serious, well-supported and technical diagnosis, and end up with the elaboration of a project with a realistic future consistent with the strategic horizon of the country, the region and ultimately, the world.

In the case of Latin America, an integration scenario is offered to work on, although in my opinion, underlying issues will delay progress until they are addressed. The first of them lies in diplomatic tensions over border issues that remain an obstacle to deep integration. And this is because they appear in a somewhat sensationalist communications environment that is more harmful than beneficial. This situation, in addition, encourages ultra-nationalist movements in each country to stir up discontent.²

The second issue is the ideological division in the region. Ideological instability persists in the region and this makes it difficult to predict whether different-sign government changes will occur without disruptions. The third issue is the dispute for regional leadership, in which Brazil is a natural protagonist.

Finally, and by way of conclusion, every country has to follow its own path. Perhaps, given the circumstances in the region, fortunately at this time not involving armed conflicts between countries, using the notion of "transformation" could be premature since there are no lessons learnt that may recommend something similar. In my judgement, what is most applicable to the majority of these countries is the design of forces based on capabilities, since this allows reconciling strategic uncertainty with the budgetary realities of the region.

¹ Jaime García Covarrubias, "New Threats and Defence Transformation: The case of Latin America," *Low Intensity Conflict & Law Enforcement*, Vol 12, Num 3, (Autumn 2004).

² What I am pointing out could be seen between Chile and Peru since they are going through an arbitration procedure at The Hague. Every now and then there is an incident which, small as it may be, ends up with the recalling of ambassadors.