

## **Index**

<b>1. Abstract.....</b>	<b>5</b>
<b>2. Introduction.....</b>	<b>5</b>
<b>3. Study Design.....</b>	<b>6</b>
<b>3.1 Research question.....</b>	<b>6</b>
<b>3.2 General objective.....</b>	<b>6</b>
<b>3.3 Specific objectives.....</b>	<b>6</b>
<b>4. Methodology.....</b>	<b>6</b>
<b>4.1 Methodological Quality.....</b>	<b>7</b>
<b>4.2 Analysis model .....</b>	<b>7</b>
<b>5. Theoretical frame.....</b>	<b>8</b>
<b>5.1 Premature birth.....</b>	<b>8</b>
<b>5.2 Late preterm, mid preterm, very preterm, and extremely preterm born children.....</b>	<b>9</b>
<b>5.3 Very preterm born children.....</b>	<b>10</b>
<b>5.4. Very low birth weight .....</b>	<b>10</b>
<b>5.5 Neural networks.....</b>	<b>10</b>
<b>5.5 White matter and language in preterm born children .....</b>	<b>11</b>
<b>5.6 Language domains .....</b>	<b>11</b>
<b>6. Results.....</b>	<b>12</b>
<b>6.1 Study characteristics.....</b>	<b>12</b>
<b>6.2 Semantic abilities.....</b>	<b>13</b>
<b>6.3 Morphosyntactic abilities.....</b>	<b>13</b>

## **Índice**

---

Mapa identificación zona de estudio	4
Introducción	5
Degradación de la cuenca hidrográfica del río mapocho	10
a) Extracción de áridos	15
b) Gobernanza del agua y reducción de caudales	21
c) Viviendas irregulares en la ribera del río y microbasurales	24
d) Desprotección del medio ambiente	29
Conclusiones	32
Bibliografía	35