All are commutative. $\Rightarrow$ $'E_1^{p,q}(\underline{U}) \cong H(C^p(\underline{U}, K^q)) = \dfrac{\operatorname{Ker} d}{\operatorname{Im} d}$.

and

$$\begin{tikzcd}
'E_1^{p,q}(\underline{U}) \arrow[r] \arrow[d, phantom, "\wr\|"] & 'E_1^{p,q}(\underline{U}') \arrow[d, phantom, "\wr\|"] \\
H(C^p(\underline{U}, K^q)) \arrow[r] & H(C^p(\underline{U}', K^q))
\end{tikzcd}$$

$$\Rightarrow \quad 'E_1^{p,q} = \lim_{\underline{U}} {'E_1^{p,q}(\underline{U})} = \lim_{\underline{U}} H(C^p(\underline{U}, K^q)).$$

$\Rightarrow$

$$\begin{tikzcd}
'E_1^{p,q}(\underline{U}) \arrow[rr, "\cong"] \arrow[dr, "D"] \arrow[dd, "\varphi"] & & H(C^p(\underline{U}, K^q)) \arrow[dr, "\delta"] \arrow[dd, "\varphi"] & \\
& 'E_1^{p+1,q}(\underline{U}) \arrow[rr, "\cong"] \arrow[dd, "\varphi"] & & H(C^{p+1}(\underline{U}, K^q), d) \arrow[dd, "\varphi"] \\
'E_1^{p,q}(\underline{U}') \arrow[rr, "\cong"] \arrow[dr, "D"] & & H(C^p(\underline{U}', K^q)) \arrow[dr, "\delta"] & \\
& 'E_1^{p+1,q}(\underline{U}') \arrow[rr, "\cong"] & & H(C^{p+1}(\underline{U}', K^q), d)
\end{tikzcd}$$

, again all are commutative, and so we set

$$\begin{tikzcd}
'E_2^{p,q}(\underline{U}) \arrow[d] \arrow[r, phantom, "\cong"] & H_\delta(H(C^p(\underline{U}, K^q))) \\
'E_2^{p,q}(\underline{U}') \arrow[r, phantom, "\cong"] & H_\delta(H(C^p(\underline{U}', K^q)))
\end{tikzcd}$$

$$\Rightarrow \quad 'E_2^{p,q} = \lim_{\underline{U}} {'E_2^{p,q}(\underline{U})} = \lim_{\underline{U}} H_\delta(H(C^p(\underline{U}, K^q)))$$